

Professional Transportation Bulletin

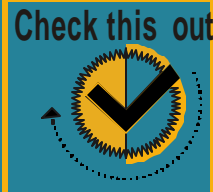
PTB 176

May 7, 2015

**Statements of Interest are due before 12:00 p.m.
on May 28, 2015
Selection Date: July 22, 2015**



Help?
INFORMATION



Illinois Department of Transportation
2300 South Dirksen Parkway, Springfield, Illinois 62764

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: July 22, 2015

The following revisions have been made to this Professional Transportation Bulletin. If you downloaded the bulletin prior to the noted revision date, you should incorporate the revisions or download and use a new copy of the bulletin.

REVISION DATE: There are no revisions as of May 7, 2015.

State Of Illinois Contact Information

Department Of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1. It is available on **IDOT's WEBSITE** at <http://www.idot.illinois.gov/index>.

Professional Transportation Bulletin

The Professional Transportation Bulletin Contains information pertaining to the advertisement for offers of interest for professional services for Department of Transportation projects.

Questions concerning this Bulletin should be directed to:

Carrie Kowalski

Consultant Unit Chief

E-mail: Carrie.Kowalski@illinois.gov Phone: 217-782-6916

Or mailing address:

Bureau of Design and Environment
2300 South Dirksen Parkway
Attn: Consultant Unit
Room 330
Springfield, IL 62764

Regional/District Contact information.

Region 1

District 1

Mr. John Fortmann
201 West Center Court
Schaumburg, IL 60196

Region 2

District 2

Mr. Paul Loete
819 Depot Avenue
Dixon, IL 61021

District 3

Mr. Paul Loete
700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Region 3

District 4

Mr. Kensil Garnett
401 Main Street
Peoria, IL 61602

District 5

Mr. Kensil Garnett
Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

District 6

Mr. Roger Driskell
126 East Ash St.
Springfield, IL 62704

District 7

Mr. Roger Driskell
400 West Wabash
Effingham, IL 62401

Region 5

Mr. Jeffrey Keirn

District 8

1102 Eastport Plaza
Drive
Collinsville, IL 62234

Mr. Jeffrey Keirn

District 9

State Transportation Building
P.O. Box 100
Carbondale, IL 62903

Tentative Schedule For Professional Transportation Bulletins

ACTIVITY	PTB 177	PTB 178	PTB 179	PTB 180	PTB 181	PTB 182
PUBLISH PTB	8-06-15	11-05-15	02-04-16	5-5-16	8-14-16	11-10-16
***STATEMENTS OF INTEREST ARE DUE	8-27-15	12-03-15	02-25-16	5-26-16	8-25-16	12-01-16
SELECTION MEETING	10-21-15	1-27-16	04-20-16	7-20-16	10-19-16	01-25-17

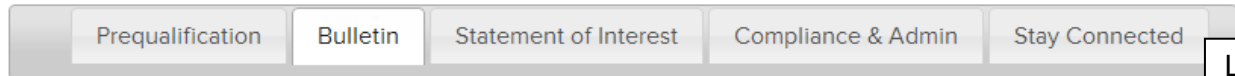
***** STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 05-07-15 & 05-28-15 (12:00 P.M. NOON)**

STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.

Only SUBMITTALS through EPAS will be considered for Professional Transportation Bulletins.

NOTICE

Proposed Negotiation Meeting information for Items will be available under the Bulletin Tab at the following link: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>



Link for negotiation information

Bulletin

IDOT advertises for professional services four times a year via the Professional Transportation Bulletin (PTB) and makes this schedule public via the PTB Schedule (below). The PTB contains information pertaining to the advertisements for offers of interest for professional engineering, land surveying and architectural services for IDOT projects. On occasion, a special bulletin is necessary. Below you will find the active PTB as well as supplementary information. If wishing to review archived bulletins and press releases please navigate to [Resources](#).

- [PTB 172](#)

To view the most current negotiation meeting information on particular advertised items [please click here](#) . This information has not been finalized and is subject to change. Contact the appropriate District for questions regarding a particular Item.

▶ Tentative PTB Schedule

- | | | |
|---|---|--|
| <ul style="list-style-type: none">• Region 1<ul style="list-style-type: none">• John Fortmann<ul style="list-style-type: none">• District 1<ul style="list-style-type: none">• Items 1 - 9 | <ul style="list-style-type: none">• Region 2<ul style="list-style-type: none">• Paul Loete<ul style="list-style-type: none">• District 2<ul style="list-style-type: none">• Items 10 - 12 | <ul style="list-style-type: none">• Region 3<ul style="list-style-type: none">• Kensil Garnett<ul style="list-style-type: none">• District 4<ul style="list-style-type: none">• Items 13 - 15• District 5<ul style="list-style-type: none">• Items 16 - 17 |
| <ul style="list-style-type: none">• Region 4<ul style="list-style-type: none">• Roger Driskell<ul style="list-style-type: none">• District 6<ul style="list-style-type: none">• Item 18 | <ul style="list-style-type: none">• Region 5<ul style="list-style-type: none">• Jeffrey Keirn<ul style="list-style-type: none">• District 8<ul style="list-style-type: none">• Items 19 - 24 | <ul style="list-style-type: none">• Division of Aeronautics<ul style="list-style-type: none">• Steve Long<ul style="list-style-type: none">• Item 25 |
| <ul style="list-style-type: none">• Bureau of Design & Environment<ul style="list-style-type: none">• John Baranzelli<ul style="list-style-type: none">• Item 26 | <ul style="list-style-type: none">• Bureau of Materials & Physical Research<ul style="list-style-type: none">• Laura Mlacnik<ul style="list-style-type: none">• Items 27 - 28 | <ul style="list-style-type: none">• Bureau of Operations<ul style="list-style-type: none">• Amy Eller<ul style="list-style-type: none">• Items 29 - 32 |
| <ul style="list-style-type: none">• Bureau of Railroads<ul style="list-style-type: none">• John Oimoen<ul style="list-style-type: none">• Item 33 | <ul style="list-style-type: none">• Office Planning & Programming<ul style="list-style-type: none">• Jeffrey South<ul style="list-style-type: none">• Item 34 | |

NOTICE

Statement of Experience and Financial Condition Renewal

5-7-15

Reminder for firms whose fiscal year ends 12-31; the SEFC renewal is due by June 30. There are no extensions. If the firm fails to submit by midnight on June 30, the firm will be considered not prequalified. Application can be sent in any time before June 30.

The EPAS manual is located at <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/EPAS%20Instructions%20Manual.pdf>

For firms required to update the entire Statement of Experience and Financial Condition, select the option New SEFC in EPAS.

For firms required to update the corporate and financial portion, select option Renew SEFC.

DO NOT USE AMEND to renew. The application will be returned which may jeopardize your prequalification status. SEE PAGE 26 of the manual.

Introduction

STATE OF ILLINOIS
Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

PROFESSIONAL TRANSPORTATION BULLETIN #176 **Publish May 7, 2015**

This bulletin is the official notice of needed professional services for the Illinois Department of Transportation (IDOT).

This bulletin is sent to each professional consultant on IDOT's prequalified list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET at: <http://www.dot.gov.il/Doing Business/Consultant Services/Consultant Prequalification>.

This is not an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest for the project through the Engineering and Prequalification Agreement System (EPAS).

IDOT shall not discriminate based on race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. IDOT shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts.

STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT, VIA EPAS, PRIOR TO 12:00 P.M. LOCAL TIME, May 28, 2015. STATEMENTS RECEIVED AFTER THIS TIME WILL NOT BE CONSIDERED.

The selection of professional consultants by IDOT is not based on competitive bidding but on the firm's professional qualifications, experience, and expertise of key personnel to be assigned to the project with consideration also given to:

- 1) Ability to complete the work in the time required and the firm's existing workload.
- 2) The firm's proximity to the project, when important.
- 3) Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
- 4) Financial evaluation of the firm and its accounting methods.
- 5) Performance rating for past work done for IDOT, if applicable.

All members of the Consultant Selection Committee will be **unavailable** to discuss specifics of projects listed herein during the two-week period preceding the Selection Committee Meeting.

Departmental procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants. Please do not send letters and/or e-mails expressing your interest in various projects and/or correspondence concerning your firm to members of the Consultant Selection Committee.

Information for Submitting Statements of Interest (SOI)

The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. Any work being done by a consultant, prime or sub must be prequalified in the IDOT prequalification category of work they are performing.

Prequalified firms may indicate their desire to be considered for selection on any of the projects listed herein by submitting a separate Statement of Interest (SOI) for each project.

All interested firms must submit through the Engineering Prequalification and Agreement System (EPAS). This includes specialty firms, for items in the Professional Transportation Bulletin that do not have prequalification categories, i.e. firms not prequalified in the established prequalification categories; typical items are painting, manual rewrites, steel fabrication inspection, specific testing, etc. These firms must contact Carrie.Kowalski@illinois.gov to establish and account.

The EPAS instruction manual is located on the IDOT Website under Doing Business, Procurements, (Engineering, Architectural & Professional Services), and then under Prequalification and also under Statement of Interest,: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

Information to consider when submitting:

- A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 pages)
- Color graphics/photographs, charts, graphs etc. can be used at your discretion. Make applicable to the requested advertisement.
- **Exhibit A** is used to give a snap shot of the firm's proposed staff as follows:
 - List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
 - QC/QA personnel must be different individuals than the staffing, which prepared the documents.
 - Attach resumes of all key personnel listed in the SOI. It is recommended that individual resumes should not exceed two pages and must be relevant to the expertise required for the specific project.
 - Designate the estimated time required to complete the project using the personnel presented. A completion date and/or number of months to complete the project should also be provided.
 - Identify proposed subconsultants, item(s) of work they will perform, and the estimated % of work. If a DBE Goal is in the advertisement list the DBE subconsultant(s), work the firm will be performing, and estimated % of the work. All Subconsultants must be prequalified in the area of work they will be performing.
 - Include Mentor Protégé data if participating.

Information for Submitting Statements of Interest (SOI)

- **Exhibit B** is required for Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) EPAS prompts the user to complete form B when it is required.
- Experience of the staff or firm in accomplishing similar types of work should be shown for only the most recent projects and should be concise and relevant to the expertise required for the specific project. If there are several projects with the same work completed, then one summary would be adequate with each location and the project manager noted for each. This information should be shown at the end of the SOI.
- In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.
- The Current Obligation's information is an on line application in EPAS. It must be completed before you submit the Statements of Interest.
- Instructions for completing Disclosure **Forms A** and **B** are included on pages 1 and 2 immediately preceding **Forms A** and **B**. Disclosure The Disclosure Forms are a separate document and one set for each prime is submitted. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.
- The Delinquent Debt is generated in the EPAS system and is submitted as a separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included with the Delinquent Debt.
- The Disclosure of Business Operations in Iran is also a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
- Exhibit A, Exhibit B (when applicable), the Current Obligations, Disclosures A & B, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are required to be considered.

Note: Actual signatures are required on the documents. Documents without actual signatures will be returned.

PROFESSIONAL TRANSPORTATION BULLETIN

REQUIRED FORMS

FOR

STATEMENT OF INTEREST SUBMITTAL

The information in all forms is required as part of all Statement of Interest submittals. The New EPAS application has the ability to include all the required information. Some forms are attached, some data is entered into EPAS directly to generate the data for the form, and some data is entered directly and replaces the form. There is an EPAS Instruction Manual for your use and can be used when completing the SOI in EPAS.

Please review the EPAS manual instructions for the submittal process.

<http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

- The BDE Current Obligations is completed in EPAS; it is not a separate document.
- The Delinquent Debt is generated in EPAS based on the Statements of Interest applications is required to be completed by prime and subs and attached in the EPAS application.
- The Disclosure forms A & B are submitted via EPAS. The form is required to be completed and attached separately and then attached in the EPAS Application.
- The Disclosure of Business Operations in Iran BDE Form (BDE 2900), the form is required to be completed and attached separately and then attached in the EPAS Application.

Required forms are located at <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index> under the Statement of Interest Tab.

All signatures are required to be actual signatures.

Forms without an actual signature will be returned.

TABLE OF CONTENTS
PTB 176

<u>Item</u>	<u>County</u>	<u>Description</u>
<u>Region 1/District 1</u>		
1.	Various	Job No. D-91-339-15, Various Waste Assessments
2.	Various	Job No. D-91-236-15, Various Storm Water Pump Stations, Phase II Projects
3.	Various	Job No. P-91-347-15, Various Phase I Projects
4.	Various	Job No. P-91-348-15, Various Phase I Projects
5.	Various	Job No. P-91-349-15, Various Surveys
6.	Various	Job No. C-91-359-15, Phase III Various Projects
7.	Various	Job No. P-91-346-15, Phase I Geometrics Program Management Work for Various Projects
8.	Various	Job No. D-91-350-15, Various Inspections for Bridges
9.	Cook	Job No. C-91-123-15, (Stevenson Expressway): I-94 (Dan Ryan Expressway) to US 41 (Lake Shore Drive) Inbound Bridges, Phase III Project, Cook County.
<u>Region 2/District 2</u>		
10.	Carroll (IL)/ Jackson (IA)	Job No. C-92-052-15, Phase III (Construction Inspection) for FAP 17 (US 52/IL 64) over the Mississippi River
11.	Winnebago	Job No. P-92-022-15/D-92-022-15, IL 2 over the Rock River in Rockton, Phase I and II Engineering Services
12.	Various	Job No. C-92-053-15, Various Phase III Construction Inspection Projects
<u>Region 3/District 4</u>		
13.	Knox	Job No. C-94-072-15, FAI Route 74 (I-74) & CH 9, Phase III Construction Inspection, Contract No. 88502
14.	Peoria/ Tazewell	Job No. C-94-073-15, FAP Route 669 (IL 8/IL 116/IL 29 & Cedar St.), Phase III Construction Inspection, Contract No. 68A93
15.	Tazewell	Job No. P-94-004-15 and D-94-036-15, FAP 669 (IL 7/IL 116), Cedar Street Extension over P&PU Railroad, and over IL 29, Phase I and II Engineering Services
<u>Region 3/District 5</u>		
16.	Various	Job No. D-95-029-15, Phase I/II Various Projects.
17.	Various	Job No. C-95-028-15, Various Phase III Engineering Services

TABLE OF CONTENTS
PTB 176

<u>Item</u>	<u>County</u>	<u>Description</u>
--------------------	----------------------	---------------------------

Region 4/District 6

18.	Various	Job No. C-96-054-15, Various Phase III Projects
-----	---------	---

Region 5/District 8

19.	Various	Job No. D-98-046-15, Phase I/II Various Projects
20.	Various	Job No. D-98-063-15, Subsurface Utility Engineering
21.	Various	Job No. D-98-066-15, Land Survey Project Manager and Land Surveying
22.	Various	Job No. P-98-064-15, Phase I/II Various Projects
23.	Various	Job No. D-98-065-15, Phase I/II Various Projects
24.	Various	Job No. D-98-067-15, Various Survey Projects.

Bureau of Airport Engineering

25.	Various	Job No. Aeronautics Project-1, Services to provide, document and conduct visual inspections for pavements at approximately seventy-four (74) airports on an anticipated three year cycle.
-----	---------	---

Bureau of Design & Environment

26.	Various	Job No. P-30-005-15, Development of a Computer Aided Design and Drafting Policy Manual.
-----	---------	---

Bureau of Materials & Physical Research

27.	Various	Job No. C-30-012-15, Specific Gravity & Unit Weight Testing
28.	Various	Job No. C-30-013-15, In-House Consultant Testing for Material Labs

Bureau of Operations

29.	Various	Job No. D-60-031-16, Various Traffic Signal Coordination and Timing (SCAT) Projects
30.	Various	Job No. D-60-032-16, Various Traffic Signal Coordination and Timing (SCAT) Projects,
31.	Various	Job No. D-60-033-16, Various Statewide Sign Structure Inspection Projects
32.	Various	Job No. D-60-034-16, District 1 Various Sign and Tower Structure Inspections Projects

Bureau of Railroads

33.	Various	Job No. C-30-021-15, Various Phase I, II and/or III Engineering Services for Chicago to St. Louis High Speed Rail
-----	---------	---

Office of Planning & Programming

34.	Various	Job No. SPR-PL-3000(54), Various IL Multi-Modal Planning Assistance Services.
-----	---------	---

1. **Job No. D-91-339-15, Various Waste Assessments, Various Routes, Various Counties, Region One, District One.**

This project requires 5% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 2015 at 9:00 A.M.** at the Region One, District One office in **Schaumburg**.

The department has contracted with the Illinois State Geological Survey (ISGS) to conduct preliminary environmental site assessments (PESA's) of property proposed for highway use. ISGS conducts land-use history investigations; researches federal, state, and local records; conducts field surveys; and determines if the property contains recognized environmental conditions (RECs), de minimis conditions, or no RECs. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. The majority of work will be in District One but may include work Statewide.

Based on PESA results, districts work with the Environment Section of the Bureau of Design and Environment (BDE) to decide whether additional analyses or other remediation actions are necessary.

Engineering services are required to perform "Preliminary Site Investigations" (PSI's), and when necessary Detailed Site Investigations (DSI's) which are identical to CERCLA RI/FS's. PSI's will entail investigations of sites potentially containing regulated substances. A variety of sites may be investigated (e.g., old, abandoned, or improperly closed dumps, chemical manufacturing sites, metal plating / fabricating sites, dry cleaning/service stations, storage tank sites and buildings, structures containing potential contamination, spills in IDOT yards, and screening for the presence of radionuclides).

Also, provisions for laboratory and field testing including geophysical surveys when needed will be required for a wide variety of regulated substances including but not limited to: soil and water quality parameters including contaminants i.e., PCB's, pesticides, heavy metals, organics and radioactive wastes.

Additional work will include conducting surveys and testing, if applicable, of stored materials, tank contents, and containers to determine whether hazardous waste, special waste, hazardous materials, or other regulated substances are present, conducting environmental compliance audits and developing or maintaining environmental management systems.

The department will furnish the Consultant with the PESA and, as available, Project Reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility. Evaluation, summarization, engineering analysis, and reporting on PSI's, DSI's, laboratory analysis and survey work are included as an important part of this work.

ANTICIPATED WORK SUMMARIES FOR THE VARIOUS TYPES OF POSSIBLE WASTE ASSESSMENTS:

POTENTIAL WASTE SITES INCLUDING UST-LUST SITES

Engineering services are required to perform Preliminary Site Investigations (PSI) and on occasion, Details Site Investigations (RI/FS's and RCRA assessments), plus projects requiring remedial design, which may include underground storage tank (UST) removal, and construction oversight of sites suspected to contain regulated substances, UST and leaking tanks (LUST), and/or unsecured materials of concern. The PSI's are to include verification of subsurface geologic and hydrologic conditions, identification of chemical contamination and identification of the extent of chemical contamination, when feasible.

PSI investigations include items of work such as work plans, health and safety plans, surface geophysical investigations, trenching, drilling, sampling, chemical analysis, and reporting. Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant.

Following the completion of on-site activities, the firm will compile and evaluate the data and condition of each investigated property. Soil and groundwater analytical results will be compared to the applicable remediation objectives for the maximum allowable concentrations of chemical constituents in uncontaminated soil used as fill material at regulated fill operations (MAC) (35 Illinois Administrative Code (IAC) 1100.605 Subpart F and Title 35 IAC Part 742, Tiered Approach to Corrective Action Objectives (TACO).

For example, the PSI report will include an estimate of total volume of impacted soil exceeding MAC table and groundwater exceeding TACO remediation objectives. If potentially impacted soil and / or groundwater are encountered, an approach for the management and, if necessary, the off-site disposal of these materials will be presented. Approximate volume estimates and associated cost estimates for transportation and disposal will be developed and presented based on information gathered during the scope of this PSI, as well as measures to reduce potential construction worker exposures to soil exceeding ingestion or inhalation reference concentrations. Recommendations for further investigation will be presented if it is necessary to more accurately define the extent of contamination.

As a task is identified, the department will request the Consultant to prepare an outline of the work phases and technical approach, personnel requirements, detailed cost breakdown, and a schedule that is consistent with the task request. When a task order is awarded for investigation, the Consultant will be fully responsible for the sampling, testing and reporting.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and, in many cases (except emergency response oversight), to respond with a draft work plan within 15 working days of tasking, conduct field work within ten working days after authority to proceed, prepare the draft report within three months after the authority to proceed, and complete the final report two weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond within four hours. The DEPARTMENT will typically assign a target final report completion date to each work order. Assuming sufficient lead time has been provided by the district, the DEPARTMENT will normally request submittal of the final report no later than eight to 17 weeks prior to the anticipated letting date.

The Consultant will be required to prepare IEPA LPC-663 forms (Uncontaminated Soil Certification for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation [USFO]). This certification form is used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil is uncontaminated soil and is within a pH range of 6.25 and 9.0, inclusive. The firm's professional engineer or professional geologist will be required, when necessary based on results of the PSI, to stamp and sign the LPC-663 forms.

MISCELLANEOUS SURVEYS AND TESTING

Engineering services to perform environmental surveys and/or testing on an as-needed basis will include assignments such as conducting surveys and testing of stored materials, tank contents, containers, and environmental media (e.g., surface water, soil, air, and groundwater). The work may also include assignments such as reviewing and evaluating existing property-specific information, providing technical expertise on an as-needed basis, corrective actions in order to achieve "No Further Remediation" clearance, and other ad hoc environmental-related tasks within the scope of services normally provided by a hazardous waste Consultant.

The Consultant may also be required to perform work in the central office, as needed, to assist the Bureau of Design and Environment (BDE) in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and consultants.

EMERGENCY RESPONSE OVERSIGHT

Engineering services are required to perform emergency response oversight. Oversight shall include but not be limited to review of health and safety plans, drilling, sampling, chemical analysis, waste classification, reporting and coordinating the release with the proper authorities (IEPA, IEMA, U.S. EPA, Army Corps of Engineers and/or other State or Federal Agencies). Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant. The Consultant should be prepared to perform any task to minimize the release and cleanup. The goal of these work assignments is to obtain closure for the release from the proper State and Federal Agencies.

ENVIRONMENTAL PLANS FOR DEPARTMENT OPERATIONS FACILITIES

Engineering services may be required to review current department operational facilities on current practices that impact the environment, investigate past practices and make recommendations for mitigation and improvements. Assist with the development of an environmental management system, which will provide a framework for practices, procedures and processes to manage the Bureau of Operations' Environmental Program.

EXTRANET

To help the Department facilitate review of work plans and PSI reports and project tracking, the Consultant will be required to upload all information regarding each work order and to provide any technical assistance necessary to ISGS in the maintenance of the extranet site hosted by ISGS. Information uploaded shall include but not be limited to draft and final work plans, draft and final PSI reports, budget information, analytical results, site location maps, site photographs, and progress reports.

CONFIDENTIALITY

- (1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked "Confidential," "Attorney Work Product," "Attorney-Client Privileged," or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for financial, tax and insurance audits as required, subject to a confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.
- (2) It is understood that: (i) you will make a reasonable effort to be available upon reasonable advance notice; (ii) you will keep confidential all information obtained, or analyses developed, in connection with this litigation or any related litigations with respect to which we may seek your advice and counsel; (iii) you will use such confidential information solely in connection with your engagement by IDOT; (iv) you will preserve any written materials, including e-mails generated or received by you in connection with this engagement, as such materials are potentially discoverable in litigation; (v) you will not in the future consult for, or otherwise represent, any other person or entity with an interest adverse to IDOT's interests in or concerning the pending litigation, or the events or occurrences out of which the pending litigation arises; and (vi) you will keep confidential your retention by IDOT, unless and until you are identified in court papers as a testifying expert or we otherwise authorize you to breach this confidentiality.
- (3) It is specifically understood that if you are later designated a testifying expert, all documents that you create may become discoverable, including drafts and notes prepared prior to the time that your opinion or report is finalized.

Therefore, you agree that: (i) you will not prepare any draft opinion or report without our consent (regardless of whether the draft is for internal purposes or to share with others); (ii) you will not share any draft opinion or report, or any notes, with any other person without our consent; (iii) every draft opinion or report will bear the following legend: 'THIS IS A PRELIMINARY DRAFT. IT HAS BEEN PREPARED BASED ON PRELIMINARY INFORMATION AND ASSUMPTIONS. NO ONE MAY RELY ON THIS DRAFT. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'; (iv) all notebooks or individual pages of notes will bear the following legend: 'THESE NOTES ARE INCOMPLETE AND HAVE BEEN PREPARED FOR PERSONAL USE ONLY. NO ONE MAY RELY ON THEM FOR ANY PURPOSES. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'.

The completion date for this contract (excluding emergency response oversight) will be 96 months after authorization to proceed.

Statements of Interest must include the following:

1. The location of the office from which the majority of work on this project will be performed and managed.
2. An organization chart showing the Administrative / Managerial Staff of the office and a flow chart of key Technical / Professional Staff, including field and risk assessment staff that will be assigned to this project. Similarly, information of subconsultants' location/ organization should be provided.

3. The name of the laboratory that will be used for this project. The selected firm must have the capability of using either in-house or subcontracted laboratory facilities which are qualified to work on IEPA sites. The laboratory shall have an approved IEPA quality assurance plan and follow that plan in performing the analyses.
4. A statement of your firm's ability to do the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractor(s).
5. A description of your mobilization plan to be used upon notification that a work order has been authorized.
6. A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

The prime firm must be prequalified in the **Special Services (Hazardous Waste - Advance)** category and be familiar with IDOT contracts.

The chosen firm will have a wide range of experience and sufficient breadth and depth to adroitly handle anything in the special waste/hazardous waste field. The firm will have expert staff to minimize the start-up learning curve for work under this PTB. Previous experience and knowledge on IDOT projects is not necessarily required. Some work will involve experience equivalent to the Special Services, Hazardous Waste-Simple prequalification category.

Firms will be evaluated on their ability to comprehend the scope of work, as evidenced by their statements of interest and prequalification packages, the quality and experience of their assigned staff; team organization, management and responsiveness; and management and data quality assurances as evidenced by laboratory procedures. The mobilization plan in the SOI will provide sufficient detail to demonstrate understanding of the process.

Additionally, the firm must comply with the following:

1. Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186.
2. Use appropriately licensed and certified equipment and appropriately licensed and registered subconsultants.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification System (EPAS).

2. **Job No. D-91-236-15, Various Storm Water Pump Stations, Phase II Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultants who is selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend an initial meeting on **July 31, 2015 at 1:00 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of plans, specifications and cost estimates to facilitate the protection, rehabilitation, and construction of electromechanical and/or electrical systems associated with the department's facilities, primarily limited to Storm Water Pumping Stations. The work may involve equipment or property survey, architectural, plumbing, HVAC, telecommunications, SCADA systems, motor control, miscellaneous site work, structural engineering and some Phase III review of shop drawings and product data. The work may include the verification of work by others for the suitability as final documents for construction. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant is also expected to review and prepare plans to ensure all plans are within the framework of the Department's policies and procedures, local agency's requirements; and all applicable manuals and schedules.

The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of Drainage Report (must be a Illinois Licensed Professional Engineer)
- The person who will perform the QC/QA review work of all milestone submittal documents (must be a Illinois Licensed Professional Engineer and must be a Illinois Licensed Structural Engineer for structural work with adequate plan review experience)

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Pump Station)

Special Services (Mechanical)

Special Services (Electrical Engineering)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

3. **Job No.P-91-347-15, Various Phase I Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2015 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of various Phase I preliminary engineering and environmental studies throughout District One. The work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the District in completing on-going Phase I studies and tasks. In addition, the Consultant may be required to assist the District with the management of an ADA Transition Plan. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant and/or their subconsultants on the project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultant may not manage another firm if the relationship was reversed during another phase of work.

The department will furnish the Consultant with any relevant and available information such as accident data, existing and projected traffic data, utility coordination, and right-of-way data, as well as archaeological, historical, wetland, and special waste survey coordination. The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader & Staff, and report to the In-House Studies Unit Head. The Consultant's work may include data collection, preparation of base maps and mosaics, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, Categorical Exclusion Reports, bridge inspections and condition reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The Consultant will be expected to perform work in the district office as needed. The Consultant may also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants. The Consultant should have sufficient trained staff familiar with ADA/PROWAG requirements to assist the District with field data collection as well as manage, process, and monitor data collected and incorporate it into a coherent GIS and/or IRIS compatible database.

The cumulative cost of construction of these projects is anticipated to be in excess of \$20,000,000. The completion date for this contract will be 96 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Reconstruction/Major Rehabilitation)

Structures (Highway: Typical)

Special Studies (Location Drainage)

Special Studies (Traffic Studies)

Hydraulic Reports (Waterways: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

4. **Job No. P-91-348-15, Various Phase I Projects, Various Routes, Various Counties, Region One/District One.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2015 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of various Phase I preliminary engineering and environmental studies throughout District One. The work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the District in completing on-going Phase I studies and tasks. In addition, the Consultant may be required to assist the District with the management of an ADA Transition Plan. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant and/or their subconsultants on the project are prohibited from managing contracts where either party is the prime consultant or a subconsultant. The selected firm and/or their subconsultant may not manage another firm if the relationship was reversed during another phase of work.

The department will furnish the Consultant with any relevant and available information such as accident data, existing and projected traffic data, utility coordination, and right-of-way data, as well as archaeological, historical, wetland, and special waste survey coordination. The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader and Staff, and report to the Consultant Studies Unit Head. The Consultant's work may include data collection, preparation of base maps and mosaics, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, project reports anticipated to be processed as Categorical Exclusions, bridge inspections and condition reports, drainage studies including hydraulic reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The Consultant will be expected to perform work in the district office as needed. The Consultant will also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by department personnel and other consultants. The Consultant should have sufficient trained staff familiar with ADA/PROWAG requirements to be able to assist the District with field data collection as well as manage, process, and monitor data collected and incorporate it into a coherent GIS and/or IRIS compatible database.

The cumulative cost of construction of these projects is anticipated to be in excess of \$20,000,000. The completion date for this contract will be 96 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the work in the area of preparing structural concepts (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, etc.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Reconstruction/Major Rehabilitation)

Structures (Highway: Typical)

Special Studies (Location Drainage)

Special Studies (Traffic Studies)

Hydraulic Reports (Waterways: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

5. **Job No. P-91-349-15, Various Surveys, Various Routes, Various Counties, Region One/District One**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants of the prime Consultant will attend an initial meeting on **July 24, 2015 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required for various surveying projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with alignment data, existing right-of-way plats, Sidwell maps, benchmarks and coordinates available for the projects, along with any archived survey notes as each work order is negotiated.

The Consultant's work is expected to require field and office resources to prepare surveys of various roadway projects throughout the District. This includes, but is not limited to, route surveys, topographic surveys, cross-sections, profile, existing and proposed centerline alignments, drainage inverts, locating existing right-of-way monument, plotting of field information, mapping project, and any other tasks deemed necessary to complete the work in accordance with the Department's Survey Manual and District One procedures. All survey information will be acceptable for design purposed and formatted per IDOT specifications. All data collected electronically or plotted will comply with IDOT CADD standards and use standard IDOT Survey Point Codes. Some GIS and database work might also be required. The Consultant must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will perform the QA/QC review work of all milestone submittal documents (must be an Illinois Licensed Professional Land Surveyor.)

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including the resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

6. **Job. No. C-91-359-15: Phase III Various Projects, Various Routes, Various Counties, Region One/District One.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2015 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout District One. Four (4) to eight (8) engineers and/or engineering technicians are anticipated to be required during the 2015 and 2016 construction seasons. Typical assignments may include general construction inspection, project finalization, and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting, and providing general assistance as a member of a field crew. Survey/layout services may be required. This work may be in either English or metric units.

The department will furnish the Consultant with contract plans and specifications.

The Consultants work includes but is not limited to providing staff, cell phones, and vehicles for personnel use on construction sites and for traveling between projects. The duration of time spent at a single location would vary as a function of work assignment needs.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures.

The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Project Manager
- Inspectors (A current IDOT Construction Documentation Certificate is desired)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including the resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

7. **Job No. P-91-346-15: Phase I Geometrics Program Management Work for Various Projects, Various Routes, Various Counties, Region One/District One.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 31, 2015 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I services as an Engineering Program Management (PM) Consultant are required for geometrics engineering services. The PM Consultant will support various projects, which are in various stages of development (planning, design, construction, and maintenance). The projects could be in-house or under contract with other Consultant engineering firms. The projects could also involve developments and proposals sponsored by entities other than IDOT. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. Work for this project may be in either English or metric units.

The PM Consultant will be expected to perform work similar to an IDOT Geometrics Engineer & Staff, and report to the Geometrics Studies Unit Head. Key staff from the PM Consultant may be expected to perform work in the district offices from three to five days a week. The work may include conceptual plan development, plan review, traffic planning and impact assessment, scope development/scope evaluation, management, public coordination, administrative services, and other work as necessary.

The Consultant and/or their subconsultants on the project are prohibited from managing contracts where either party is the Prime Consultant or a subconsultant. The selected firm and/or their subconsultant may not manage another firm if the relationship was reversed during another phase of work.

The completion date for this contract will be 96 months after authorization to proceed.

The PM Consultant must be proficient in Microstation, GeoPak, Highway Capacity Software, CORSIM, and VISSIM.

The department will provide all IDOT policies and procedures that govern this PM Consultant position.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual-in-charge of the day to day program management work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also provide a proposed organization chart for the proposed PM Consultant team with proposed percentage of time commitment, as well as the approach the firm would take on this project, a summary of the pertinent experience of the firm developing and managing phase I highway projects, and a detailed description of the PM experience as well as proficiency with the various types of computer software such as Microstation, GeoPak, Highway Capacity Software, CORSIM, and VISSIM.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies: Reconstruction/Major Rehabilitation

Special Studies: Traffic Studies

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

8. **Job No. D-91-350-15, Various Inspections for Bridges, Various Routes, Various Counties, Region One, District One.**

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 11, 2015 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Bridge Inspection services are required to inspect various bridges throughout District One and to prepare reports documenting the structures condition and deficiencies. Structures vary from Simple to Advance Typical and may include Moveable and Railroad structures. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Inspections may include the routine NBIS and Fracture Critical reports, vertical clearance measurements, maintenance repair recommendations, impact beam damage evaluations and measurements, cross sections for underwater inspections, deck coring and testing, documentation of structures with known deficiencies, and/or deck infrared thermography. For the 8 operational bascule bridges, in addition to the previously noted inspections, an inspection of the electrical and mechanical components may be required. All IDOT safety rules and regulations are required during the inspection(s).

The department will furnish the Consultant with structural plans and previous Inspection Reports for each bridge to be inspected.

The Consultant's work includes all necessary traffic control, Railroad Flaggers, Railroad Insurance, Access Equipment, and any other necessary inspection equipment required to fully inspect these bridges. The Consultant will be required to coordinate each inspection with the appropriate authorities – including but not limited to the IDOT Bureau of Traffic, various Railroads, Coast Guard Districts, lease holders, etc. Please note that inspections requiring lane closures on heavily traveled routes will be restricted to off-peak hours. If the bridge should be washed prior to the inspection, that work shall be arranged by the Consultant. The Consultant will submit to the department all necessary documentation, to include but not be limited to, NBIS Inspections, Fracture Critical Inspections, and Proposed Maintenance Repair Sheets, as well as photographs, sketches, and reports to completely document any deficiencies. The Consultant should report any emergency critical findings during the inspection to IDOT ASAP. Inspection reports must be submitted within six weeks of the date of inspection.

The completion of date of this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Structural Engineer).
- The person who will assume the duties of the Inspection Team Leader must meet FHWA requirements and be an approved Team Leader with the State Program Manager in Illinois. The Team Leader(s) for Fracture Critical Bridge Inspections must have attended

the 3-day NHI-Fracture Critical Inspection Techniques for Steel Bridges Class. The Team Leader(s) on the inspection of Bascule Bridges shall have demonstrated previous experience on similar bridges.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firms must be prequalified in the following categories to be considered for this project:

Structures (Highway: Advanced Typical)

Structures (Railroad)

Structures (Movable)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

9. **Job No. C-91-123-15, I-55 (Stevenson Expressway): I-94 (Dan Ryan Expressway) to US 41 (Lake Shore Drive) Inbound Bridges, Phase III Project, Cook County, Region One/District One.**

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2015, at 9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement I-55 (Stevenson Expressway): I-94 (Dan Ryan Expressway) to US 41 (Lake Shore Drive) Inbound Bridges. Work includes, but is not limited to, removal, replacement, widening and reconstruction of the existing 3 inbound bridge structures located within the I-55 and US 41 interchange in the City of Chicago, Cook County. The project limits extend from Prairie Ave, just east of I-94 (Dan Ryan Expressway) to US 41 (Lake Shore Drive) along I-55 (Stevenson Expressway), spanning over Martin Luther King, Jr. Drive and the Metra & CN Railroad corridor. The project limits along US 41 (Lake Shore Drive) extend from just about 1,000 feet north of 31st Street to 23rd Street. The work includes roadway lighting, surveillance and camera installation, overhead signing, interstate signing and pavement reconstruction within the project limits using 9.75 inch PCC jointed pavement and shoulders. The bridges will generally be stage construction with minimal potential detour for the East to South Ramp structure. Three new concrete retaining walls will be constructed adjacent to the bridge locations. Landscaping will be provided within the interchange areas. Railroad coordination and work is expected to be required to complete the relocation of the RR facilities started in a previous contract. All incidental and collateral work necessary to complete the improvement is also required.

The following structures may be included:

- S.N. 016-1500 (NB I-55 inbound over Moe Drive and Martin Luther King, Jr. Drive)
- S.N. 016-1502 (Ramp bridge I-55 EB to SB US 41 (Lake Shore Drive))
- S.N. 016-1503 (I-55 Ramp EB to NB US 41 (Lake Shore Drive))
- S.N. 016-0766 (NB I-55 over Martin Luther King, Jr. Drive and Moe Drive)
- S.N. 016-0773 (Ramp EB I-55 to SB US 41 (Lake Shore Drive))
- S.N. 016-0778 (Ramp EB I-55 to NB US 41 (Lake Shore Drive))

The department will furnish the Consultant with Plans and Specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The anticipated construction completion date for this contract is October 31, 2017 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities**)
- The Materials Coordinator
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

10. **Job No. C-92-052-15, Phase III (Construction Inspection) for FAP 17 (US 52/IL 64) over the Mississippi River, Carroll Co. (IL) and Jackson (IA), Region Two/ District Two.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2015 at 10:00 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for the removal and replacement of the structure that carries US 52/IL 64 over the Mississippi River between Savanna, IL and Sabula, IA in District Two. The new bridge is a tied-arch design and will be relocated to the south of the existing structure. The contract includes reconstruction of 1,400 feet of US 52 causeway in Iowa. Reconstruction of the causeway will include placing new embankment, riprap, and removing and replacing guardrail. Also, included in this project is the reconstruction of 2,400 feet of IL 84 roadway in Illinois, as well as 1,565 feet of retaining wall along IL 84. The IL 84 reconstruction will include removing and replacing guardrail, curb and gutter, sidewalk, and driveway entrances.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete this project. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The proposed project may consist of patching and resurfacing, bridge replacement, widening and resurfacing, vertical/horizontal realignment, new roadway projects.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this contract will be 30 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (Experience with Tied-Arch Structures is preferred.)

- The Materials QA Technician/Inspector(s) - Include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.**)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

11. **Job No. P-92-022-15/D-92-022-15, IL 2 over the Rock River in Rockton, Phase I and II Engineering Services, Winnebago County, Region Two/District Two.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2015, at 10:00 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Project Report and the development of final contract plans, specifications and cost estimates for the twin structures carrying IL 2 over the Rock River, 0.1 mile south of Hononegah Road in Rockton. It is anticipated that these structures will be completely removed and replaced. There is 4(f) property located on the west side of the structures; the department will provide the required information to the Consultant. These structures will be constructed using crossovers.

This project may include the preparation of a Project Report, Traffic Management Analysis (TMA), Traffic Management Plan (TMP), cost estimates, cross sections, accident analysis, Type, Size and Location (TSL) drawings, queue and delay analysis, proposed right-of-way plats, contract plans including roadway plans, structure plans, drainage plans, special details; geotechnical engineering services, preparation of SGR, special provisions; quantities; and field surveys as needed. It is anticipated this project will be a Categorical Exclusion.

The following structures are included with this project:

- S.N. 101-0125 – IL 2 over the Rock River (SB) – Anticipated Total Replacement
- S.N. 101-0126 – IL 2 over the Rock River (NB) – Anticipated Total Replacement

The department will furnish the Consultant with any available as-built/existing plans; 2009 NBIS bridge inspection reports, topographic survey data, bathymetric surveys, section corner data and any additional surveys as required, microfilm plans; approved bridge condition report, existing right-of-way plats, title reports, proposed right-of-way requirements and any other available information.

The estimated construction cost for this project is \$14,000,000. The completion date for Phase I will be 26 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 22 months after authorization to proceed with Phase II.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (must be an Illinois Licensed Structural Engineer). The required Geotechnical prequalification category may be completed by the Prime and/or Subconsultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Surveyor). Surveys prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work, must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience and must be an Illinois Licensed Professional Land Surveyor for surveys).

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Typical)

Hydraulic Reports (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

12. **Job No. C-92-053-15, Various Construction Inspection Projects, Various Routes, Various Counties, Region Two/District Two.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2015 at 10:30 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for various projects in District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The projects may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The estimated construction costs for these projects may range from \$200,000 to \$12,000,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this project will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer
- The Materials QA Technician/Inspector(s) - Include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include**

the Documentation Certificate Number for IDOT Documentation of Contract Quantities.)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

13. **Job No. C-94-072-15, FAI Route 74 (I-74) & CH 9, Construction Inspection, Contract No. 88502, Knox County, Region Three/District Four.**

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 24, 2015 at 10:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Construction inspection for Contract No. 88502, located in Knox County near Galesburg. The Construction contract consists of the removal and replacement of CH 9 over I-74, as well as, the partial ramp and roadway reconstruction at the CH 9 and I-74 interchange.

Phase III engineering services are required for the inspection, supervision, materials testing (including, but not limited to, PCC, HMA and embankment testing), materials certification and all documentation for this project. The Consultant staff will report to a District Resident Engineer/Technician on this project. The Consultant will be required to perform on-site inspection, verification of contractor staking, maintain documentation, and any other duties that would be required by the Resident Engineer/Technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultants(s) will disclose all current relationships with contractors.

The Consultant will also provide their own vehicles, cell phones, computers, tools of the trade and any other equipment deemed necessary to perform the work. Overnight lodging may be required.

The construction project is scheduled for the November 6, 2015 letting and construction completion in the spring 2017. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** of the Statement of Interest for this project must include:

- The Liaison Engineer (with current IDOT Construction Documentation certificate)
- The Construction Inspector(s) (with current IDOT Construction Documentation certificate)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design & Environment through the Engineering and Prequalification Agreement System (EPAS).

14. **Job No. C-94-073-15, FAP Route 669 (IL 8/IL 116/IL 29 & Cedar St.), Construction Inspection, Contract No. 68A93, in Peoria & Tazewell Counties, Region Three/District Four.**

This project contains Federal Funds.

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime consultant will be using is scheduled to attend a negotiation meeting on **July 24, 2015 at 10:00 A.M.** at the Region Three/District 4 Office in **Peoria**.

Construction inspection services are required for Construction Contract No. 68A93 located in Peoria and Tazewell Counties connecting the cities of Peoria, and East Peoria. Project consists of repairs to the substructure, superstructure, and deck carrying IL Routes 116, 8, and 29, as well as, Cedar Street over the Illinois River and the Tazewell and Peoria Railroad.

Phase III engineering services are required for the inspection, supervision, materials testing (including, but not limited to, PCC, HMA and embankment testing), materials certification and all documentation for this project. The Consultant staff will report to a District Resident Engineer/Technician on this project, and should have experience in large river crossings with an emphasis on structural steel repair. The Consultant will be required to perform on-site inspection, verification of contractor staking, maintain documentation, and any other duties that would be required by the Resident Engineer/Technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultants(s) will disclose all current relationships with contractors.

The Consultant will also provide their own vehicles, cell phones, computers, tools of the trade and any other equipment deemed necessary to perform the work. Overnight lodging may be required.

The construction project is scheduled for the January 15, 2016 letting with a May 2017 completion. The completion date for the contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** of the Statement of Interest for this project must include:

- The Liaison Engineer (with current IDOT Construction Documentation Certificate)
- The Construction Inspector(s) (with current IDOT Construction Documentation Certificate)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design & Environment through the Engineering and Prequalification Agreement System (EPAS).

15. **Job Nos. P-94-004-15 and D-94-036-15, FAP 669 (IL8/IL116), Cedar Street Extension over P&PU Railroad, and over IL 29, Phase I and II Engineering Services, Tazewell County, Region Three/District Four.**

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0.07**

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 2015 at 9:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) and contract plans (PS&E) for the removal and replacement or rehabilitation of the structures on IL 8/IL 116 over the P&PU Railroad and over IL 29.

The following structure replacements or rehabilitations are anticipated to be included:

- S.N. 090-0034 - IL8/IL 116 over the P&PU Railroad
- S.N. 090-0035 - IL 8/IL 116 over IL 29

The Consultant's work is anticipated to include preparing the Project Report, Bridge Condition Reports, Structure Geotechnical Reports, Structure Reports, Bridge Type Studies, and Type, Size and Location (TS&L) drawings for the replacement structures. This work may include data collection, route & land surveys, cost estimates, crash analyses, traffic management analysis, environmental coordination and assessments, public involvement activities, inspection of existing structure to determine staging possibilities, geometric studies, interchange design studies, structure borings, geotechnical analysis and reporting, drilling and analysis of soil borings, development of cross sections as required to determine construction limits and right-of-way needs, and other related work and exhibits required to produce the necessary Phase I documents and reports. The Consultant will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required.

The work required is also anticipated to include preparing bridge and roadway plans, specifications, cost estimates, traffic management plans, maintenance of traffic/staging plans, drainage plans, temporary and permanent erosion control plans, cross sections, special details, special provisions, pay items and quantities, shop drawing reviews, railroad coordination, estimates of time, supplemental survey and any other work necessary to complete final contract plans and documents.

The department will furnish the Consultant with any available as-built plans, field notes and survey books, traffic data, crash data, structure inspection reports, existing bridge condition reports, existing right-of-way information, and other information that is available.

The estimated construction cost for this project is \$26,000,000. The completion date for the Phase I portion will be 24 months after the authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II will be 24 months after authorization to proceed with Phase II.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Reports (must be an Illinois Licensed Professional Engineer). Geotechnical Services (Subsurface Exploration, General Geotechnical Services, & Structure Geotechnical Report) prequalification categories requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform/supervise the work in the area of structural engineering (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and/or an Illinois Licensed Structural Engineer for structural work).
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The surveying prequalification category requirement may be completed by the Sub and/or Prime consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design & Environment through the engineering and Prequalification Agreement System (EPAS).

16. **Job No. D-95-029-15, Phase I/II Various Projects, Various Routes, Various Counties, Region 3/District 5.**

This project requires 25% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2015 at 10:30 A.M.** at the Region 3/District 5 Office in **Paris**.

Phase I and/or II engineering services are required for work on various projects in District Five. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant's Phase I work, if required, may consist of conducting hydraulic and route surveys, subsurface utility engineering, preparing Structure Geotechnical Reports, drilling and analysis of soil borings, hydraulic analysis, geometric studies, and preparing project reports (Categorical Exclusion reports only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, traffic management plans, accident analysis, quantity computations, and other related work items required to produce a project report.

The Consultant's Phase II work, if required, may consist of conducting route surveys, land surveys, right of way plat and plan preparation, writing legal descriptions, staking right of way, hydraulic analysis, geometric studies, roadway plans, TS&L drawings, pre-final structure plans, final structure plans and any other related work required to complete final plans, special provisions, and estimates as necessary.

The department will furnish the Consultant with traffic data, bridge condition reports, hydraulic reports, existing plans, utility coordination, survey data, Microstation files, Geopak files, boring logs, and crash data when available.

The Consultant may be required to provide project management and/or project support staff to work in the District 5 office. This work may include engineering, technical management, and/or project support. The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

Teaming agreements will not be allowed on this project.

It is anticipated this contract will include approximately 4 to 10 different projects. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated construction cost for each project will range from approximately \$10,000 to \$5,000,000. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)

Structures (Highway: Typical)

Highways (Roads & Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

17. **Job No. C-95-028-15; Various Phase III Engineering Services, Various Routes, Various Counties, Region 3, District 5.**

This project requires 25% DBE Goal.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 24, 2015 at 9:00 A.M.** at the Region Three, District Five Office in **Paris**.

Phase III engineering services are required to provide construction inspection services for construction projects throughout District 5. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant will be required to furnish adequate qualified staff as approved by the district to assist in performing the required inspection, layout, and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, resurfacing, or urban rehabilitation projects. The Consultant will be required to assist in performing on-site inspections, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, and provide general assistance as member of a field crew. The department will furnish the Consultant with a Resident Engineer/Technician to direct the Contractor and to direct/coordinate the activities of the Consultant's staff. The department will also furnish the construction plans and specifications.

The Consultant may be asked to provide a Liaison Resident Engineer to work directly with IDOT's Resident Engineer/Technician. The Consultant may also be asked to furnish a documentation technician(s) and laptop computer(s) equal to the latest type used by District 5. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer(s).

The Consultant's personnel will be required to provide a vehicle for their use on construction sites and for traveling between projects, material plants, and weigh scales. The Consultant must also provide their own inspection equipment, testing equipment, layout equipment, cell phones, and any other equipment deemed necessary to complete the work. The duration of time spent at a single location may vary as a function of work assignment needs.

The Consultant's personnel must have a good working knowledge of the department's specifications, the department's Construction Manual, Project Procedures Guide and documentation and inspection procedures.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and sub-consultant(s) will disclose all current relationships with contractors.

This contract is scheduled for the 2016, 2017 and 2018 construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- Materials Inspector/Tester – Must have experience and a working knowledge in the area of Hot Mixed Asphalt (HMA), Portland Cement Concrete (PCC), and Soils testing are highly desirable. All personnel performing materials field testing for PCC, HMA, and Soils testing must possess the most up-to-date certifications.
- The Documentation Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.)
- The Survey Chief.
- Construction Inspector (Personnel must have the level of training necessary as outlined in the department's "Project Procedures Guide")

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

18. **Job No. C-96-054-15, Various Phase III Projects, Various Routes, Various Counties, Region Four/District Six.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **August 19, 2015 at 10:00 A.M.**, at the Region Four/District Six Construction Annex Office in **Springfield**.

Phase III construction engineering services are required to provide construction inspection for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on as needed basis. All work may be in either English or metric units.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff provided to supplement the department's staff.

The Consultant will provide sufficient staff to perform all engineering services required to provide construction inspection under the direction of IDOT's Resident Engineer for roadway related work on various routes in District Six. The projects may include, the inspection and documentation of pay quantities, on-site material testing, material quality assurance testing, construction layout staking, and all other work required to complete the project. The consultant will provide tools of the trade.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and sub-consultants(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with plans and specifications.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the department policies for this project.

The estimated construction costs for these projects may range from \$100,000 to \$80,000,000. The various projects are scheduled for construction during the calendar year 2015, 2016, 2017 and 2018 construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Documentation Technician. The person(s) actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.**

- Construction Inspectors (3-8 People). Inspectors should be familiar with IDOT inspection duties and requirements. The construction inspectors should be capable of performing geometric and physical layout as needed for construction purposes. Knowledge in the area of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required. The person(s) actively performing as the construction inspectors on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.**

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted concurrently to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

19. **Job No. D-98-046-15, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2015 at 10:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or Phase II engineering services are required for various projects throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. Consultant staff may be required to perform work at the District Eight office in Collinsville.

Phase I work, if required, may consist of conducting surveys, utility coordination, hydraulic survey/analysis, conducting geometric studies and reviews, preparing Type, Size and Location (TS&L) plans, preparing Bridge Condition Reports, preparing Structure Geotechnical Reports, soils analyses, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, crash analysis, development of alternative alignments preparing environmental and hazardous waste documents, infrared testing of bridge decks and other related work and exhibits necessary to produce the Project Report, as necessary. This work could include amending or updating existing Project Reports.

Projects may include public involvement. Public involvement may include coordinating and leading informational meetings and public hearings, preparing exhibits for meetings and hearings, Context Sensitive Solutions (CSS) duties, evaluating, and incorporating comments from those meetings into a report.

Phase II work, if required, may consist of geometric studies, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple roadway patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, roadway widening and resurfacing, roadway reconstruction, and design on new roadway alignments. Projects may also include design of partial access controlled and access controlled highways on existing and/or new alignments. This work may include preparing Bridge Condition Reports, preparing TS&L drawings for structures, conducting surveys, preparing structural geotechnical reports, providing soil borings and analysis for various roadway, foundation and other Geotechnical reports, pavement cores to verify existing pavement condition, composition and thicknesses, checking traffic signal or highway lighting warrants, utility coordination, traffic signal, highway lighting and signing plans, developing construction staging and maintenance of traffic and traffic management plans (TMP's) and any other related work and exhibits as necessary to complete final plans, specifications, estimates of time and estimates of cost, as necessary.

In addition, the Consultant may also be required to provide Computer Aided Drafting Design (CADD) and other design support. It is anticipated that one or more persons from the Consultant's staff may be required to conduct general design work in the District 8 office 3-5 days per week.

The work may include preparing draft local agency, utility, and railroad agreements. In addition, the Consultant may be required to assist in developing a project financial plan or project management plan. All work prepared by the Consultant must be compatible with department software and readily duplicated on department hardware.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, location design reports, and other information deemed applicable to the Consultants work.

The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will provide CADD support (3-5 years of experience using MicroStation and GeoPak in a Civil Drafting environment, be proficient in evaluating and editing tin models, and have a working knowledge of MS Excel and MS Word is desired).
- The person who will perform/supervise the work in the area of hydrologic/hydraulic analysis and modeling for culverts and bridges (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The Geotechnical Services (SGR) prequalification category(s) may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform CSS/Public Involvement duties (must include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearing, organizing work groups and press conference, press releases and property owner contact letters, etc.)

The Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the Statements of Interest. Do not include more than 10 relevant projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/ Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced - Typical)

Hydraulic Reports (Waterways: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

20. **Job No. D-98-063-15, Subsurface Utility Engineering, Various Routes, Various Counties, Region Five, District Eight.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **July 24, 2015 at 10:30 A.M.** at the District Eight Office in **Collinsville**.

Engineering services for subsurface utility engineering are required on various projects throughout District Eight for use primarily on Phase I and II projects. There may be projects during Phase III. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days.

This project includes providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility companies' records which have facilities in the area and by performing actual field surveys to verify and map at the appropriate quality level all existing utilities on the assigned project. Field surveys are to be performed to horizontally locate above ground utility features, including but not limited to poles, manholes, valve boxes, meters, utility designation markings, etc. The Consultant shall also determine the existence and approximate horizontal position of underground utilities through the application of appropriate surface geophysical methods (QL B data). The exact horizontal and vertical locations of underground utilities shall also be determined by actually physically locating them (exposing and surveying) at designated spots with the use of special boring/excavating equipment insured not to damage existing utilities (QL A data).

The department will furnish the Consultant with any available as-built plans and/or microfilm plans, survey field notes, alignment data, cross ties, design CADD files, or benchmarks.

The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be experienced in managing multiple subsurface utility engineering projects in urban environments).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work required for surveying (must be experienced in survey of utility features and an Illinois Licensed Land Surveyor). Surveying prequalification category requirement may be completed by Prime and/or Subconsultant.

- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of interest must also include the Consultants' relevant SUE projects, do not list more than 10 projects, completed by the firm within the past 5 years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Services (Subsurface Utility Engineering)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

21. **Job No. D-98-066-15, Land Survey Project Manager and Land Surveying, Various Routes, Various Counties, Region 5/District Eight.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2015 at 2:00 P.M.** at the Region 5/District Eight Office in **Collinsville**.

Professional land surveying services are required for performing Land Survey Project Management and for performing miscellaneous land surveys along various routes, in various counties, in District 8. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or Metric units.

The Consultant's work as a Land Survey – Project Manager (PM) will include the management and review of right of way survey projects as prepared by other Consultants. PM duties shall be performed at the District Eight Office in Collinsville. This work shall entail the accurate review of consultant prepared Plat of Highways, Excess Right of Way Plats, Existing Right of Way Surveys and legal descriptions in accordance with the Department's Land Acquisition Manual and with the District Eight checklists and procedures. This work would also include record research at the district office and at the county recorder offices or other governmental agencies; ordering, reviewing and accounting for the necessary title commitments of each project; maintenance of Land Acquisition databases; maintenance of project files; oral and written communication with right of way survey consultants, title company representatives, property owners and District staff; attendance at project meetings; designing proposed right of way lines and easements using Microstation and Geopak software; performing land surveying computations using Geopak software; and fieldwork as required.

The Consultant and/or their subconsultants on this project are prohibited from managing contracts where either part is the prime Consultant or subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The Consultant's work may also consist of performing land surveys for highway purposes. This may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking. The Consultant's work may include performing horizontal and vertical control surveys and topographic surveys for highway design projects.

The department will provide alignment data, title commitments, former construction plans, existing right of way information, and proposed right of way requirements for each project (when available).

The completion date for this contract will be 48 months after authorization to proceed.

The Consultant will be required to prepare all survey files and plats for this contract using Microstation and Geopak software as utilized by the department.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Land Surveyor).
- The person who the firm plans to assign in the District Eight Office as the Land Survey Project Manager (must be an Illinois Licensed Professional Land Surveyor). This person must be experience in the use of Microstation and the preparation of Plat of Highways and legal descriptions for District Eight.
- The person who will perform the surveys (must be a licensed Illinois Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be a licensed Illinois Professional Land Surveyor, with adequate experience).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

22. **Job No. P-98-064-15; Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 24, 2015 at 10:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required for various projects in District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Phase I work, if required, may consist of conducting initial project reviews for recommendations for improvements, geometric reviews and/or studies, capacity reviews and/or studies, route surveys, utility coordination, drainage studies, hydraulic analyses, geotechnical studies, environmental studies, public involvement including Context Sensitive Solutions (CSS) duties, preparation of Type, Size, Location plans (TSLs) preparation of Bridge Condition Reports, and preparation of Environmental or Project Reports. This work may include data collection, development of alignment alternatives, intersection design studies, design of preliminary geometry, cost estimates, traffic management analysis, crash analysis, and other related work and exhibits necessary to produce the Environmental or Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, hydraulic analyses, geometric studies, roadway plans, structure plans and any other related work to complete final plans, specifications and estimates, as necessary. The various proposed projects may consist of bridge repair, bridge rehabilitation, and bridge replacement and also resurfacing type projects, including interstate resurfacing.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, existing right-of-way plans, crash statistics, agency coordination, aerial photos, boring logs, existing Bridge Condition and Hydraulic Reports, and any other available information.

The Consultant's work may include either a complete project or a portion of the total engineering necessary for a certain project's completion.

The completion date for this contract will be 48 months after authorization to proceed.

Key personnel list on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all Phase I/Phase II aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the Phase I and/or Phase II deliverables (must be an Illinois Licensed Professional Engineer)

- The person who will be in charge of the surveys must be an Illinois Licensed Professional Surveyor. The Surveying prequalification category requirement can be performed by the prime and/or subconsultant.
- The person who will perform the work of the structure plan preparation documents (must be an Illinois Licensed Structural Engineer)
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform CSS/Public Involvement duties (must include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meeting and public hearing, organizing work groups and press conferences, drafting press releases and property owner contact letter, etc.

The Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the SOI. Do not include more than 10 relevant projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

23. **Job No. D-98-065-15, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend a negotiation meeting on **July 27, 2015 at 9:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or Phase II engineering services are required for various projects throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. Consultant staff may be required to perform work at the District Eight office in Collinsville.

Phase I work, if required, may consist of conducting surveys, utility coordination, hydraulic survey/analysis, conducting geometric studies and reviews, preparing Type, Size and Location (TS&L) plans, preparing Bridge Condition Reports, preparing Structure Geotechnical Reports, soils analyses, value engineering studies and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, crash analysis, development of alternative alignments preparing environmental and hazardous waste documents, infrared testing of bridge decks and other related work and exhibits necessary to produce the Project Report, as necessary. This work could include amending or updating existing Project Reports.

Projects may include public involvement. Public involvement may include coordinating and leading informational meetings and public hearings, preparing exhibits for meetings and hearings, Context Sensitive Solutions (CSS) duties and evaluating and incorporating comments from those meetings into a report.

Phase II work, if required, may consist of geometric studies, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple roadway patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, roadway widening and resurfacing, roadway reconstruction, and design on new roadway alignments. Projects may also include design of partial access controlled and access controlled highways on existing and/or new alignments. This work may include preparing Bridge Condition Reports, preparing TS&L drawings for structures, conducting surveys, preparing structural geotechnical reports, providing soil borings and analysis for various roadway, foundation and other geotechnical reports, pavement cores to verify existing pavement condition, composition and thicknesses, checking traffic signal or highway lighting warrants, utility coordination, traffic signal, highway lighting and signing plans, developing construction staging and maintenance of traffic and traffic management plans (TMP's) and any other related work and exhibits as necessary to complete final plans, specifications, estimates of time and estimates of cost, as necessary.

In addition, the Consultant may also be required to provide Computer Aided Drafting Design (CADD) and other design support. It is anticipated that one or more persons from the Consultant's staff may be required to conduct general design work in the District 8 office 3-5 days per week.

The work may include preparing draft local agency, utility, and railroad agreements. In addition, the Consultant may be required to assist in developing a project financial plan or project management plan.

All work prepared by the Consultant must be compatible with department software and readily duplicated on department hardware. All files produced during the course of this contract are the property of the department and must be provided in the appropriate electronic format for the department's files and for possible future use.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, location design reports, and other information deemed applicable to the Consultants work.

The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will provide CADD support (3-5 years of experience using MicroStation and GeoPak in a Civil Drafting environment, be proficient in evaluating and editing tin models, and have a working knowledge of MS Excel and MS Word is desired).
- The person who will perform/supervise the work in the area of hydrologic/hydraulic analysis and modeling for culverts and bridges (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The Geotechnical Services (SGR) prequalification category(s) may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform CSS/Public Involvement duties (must include a detailed description of CSS/public involvement work he/she has directed involving facilitation of

public meetings and public hearing, organizing work groups and press conference, press releases and property owner contact letters, etc.)

The Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the SOI. Do not include more than 10 relevant projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/ Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced Typical)

Hydraulic Reports (Waterways: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

24. **Job No. D-98-067-15, Various Survey Projects, Various Routes, Various Counties, Region 5, District Eight.**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **August 6, 2015 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Professional land surveying services are required to perform route surveys and hydraulic surveys in District 8. The Consultant's work may include land surveying to establish the existing centerline alignment for projects, land surveying to measure and record all topographic features along specific routes, land surveying to create three dimensional models for highway design projects, and land surveying to locate right of way, record research, preparation of, and recording of monument records. The Consultant's work may include staking out the existing centerline alignment, as well as performing horizontal and vertical control surveys for highway design projects. The Consultant's work may also include performing floodplain cross sections, streambed profiles, waterway opening sketches, roadway profiles and other tasks necessary to complete hydraulic reports. The Consultant is also required to process their field data and submit their data in an electronic format while adhering to all IDOT's standards. The Consultant is also required to use IDOT's Point Code Listing while conducting the field survey and shall be required to submit all original field notes upon completion of said surveys.

Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will provide alignment information and horizontal and vertical control (if applicable), existing microfilm information and general survey requirements for each project.

The Consultant will be required to prepare all survey files and plats for this contract using Microstation and Geopak software as utilized by the department.

It is anticipated that this contract will include approximately 10 to 20 such surveys. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

25. **Job No. Aeronautics Project-1. Services to provide, document and conduct visual inspections for pavements at approximately seventy-four (74) airports on an anticipated three year cycle, Bureau of Airport Engineering.**

This project contains Federal Funds.

This project requires 5% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 2015 at 10:00 A.M.**, at the Bureau of Airport Engineering Office in **Springfield**.

1. Work is expected to consist of performing visual inspections of airports designated by the department. The pavements shall be evaluated using the Pavement Condition Index (PCI) procedure. The evaluation is anticipated to include:

- Taking photographs which illustrate the distresses found within the pavement sections inspected,
- Making any modifications, corrections or additions as required to update and maintain the accuracy of the PCI Feature Maps based on the information obtained during the visual inspections. Current Feature Maps will be provided for the first year by the department for updating of the Feature Map after visual inspections, the remainder of the contract, the Consultant will modify Feature Maps accordingly from construction projects provided by the Department,
- CAD Drawings/files; the Consultant will be responsible for creation, development of new and existing Current Sample Unit Maps developed in VISIO and Consultant will be required to convert VISIO files into an AutoCAD drawing file,
- Perform all processing, data entry and quality control of the information collected during the visual inspections. This information will be entered into an existing MicroPAVER database maintained by the department. The Consultant will provide monthly status reports as to the progress of the inspections. Inspections and data processing will be completed by September 15th of each year and the Consultant will provide a copy of the updated MicroPAVER file for use by the department. The Consultant will provide maps and reports as requested by the department.

2. Airport Management System Work Plan. The anticipated work is broken down into four (4) tasks:

Task 1: Project Kick-Off Meeting. The project will begin with a kick-off meeting. During this meeting, the final scope of work and work schedule will be discussed and approved that will meet the department's specific needs and requirements with respect to pavement inspection and management. Each deliverable will be discussed in detail, so everyone will have an understanding of the schedule and final product(s) expected from this project.

Task 2: Current Pavement Management Systems (PMS) needs and software compatibility requirements. The department currently uses MicroPAVER Version 6.5.7 for its Pavement Management System (PMS) and all data to be collected must be compatible for input and evaluation with this system. The department will have delivered upon completion of one full cycle of inspections (3 years) an updated version of interactive CD's (compact disc), totaling eighty-five (85) to reflect the updated condition and distress data.

Evaluate seventy-four (74) airports and incorporation of this information into the existing MicroPAVER Pavement Management System (PMS) database.

Task 3: PCI Inspections. Determine consistent methodology for how current condition will be evaluated.

During this project, the pavements will be evaluated using the Pavement Condition Index (PCI) procedure, inspections will be done on a three-year cycle, with approximately one-third of the total number of airports inspected each year. The PCI procedure is the standard used by the aviation industry and military to visually assess pavement condition. The procedure is described in the Federal Aviation Administration (FAA) Advisory Circular (AC) 150/5380-7B and ASTM Standard D5340.

The PCI was developed to provide engineers with a numerical indication of overall pavement condition. During a PCI survey, visible signs of deterioration within a selected sample unit are recorded and analyzed. Distress type, severity and quantity are all identified and recorded and analyzed. The final calculated PCI value is a number from 0 to 100, with 100 representing a pavement in excellent condition.

The Consultant will use a sampling rate that meets the Department's objectives and is appropriate for the management of a system of airports. In addition to inspecting the sample units selected through a stratified random sampling, any unique or isolated pavement situation will be identified as an additional sample unit and inspected in accordance with AC 150/5380-7B (or most current AC) guidelines.

As part of the PCI survey, photographs of the pavement will be obtained to permanently record the condition of the different facilities and sections. These photographs will also be used to update previous photographs of the facilities in the PMS database.

The department will be provided a schedule of survey dates and locations giving department staff an opportunity to attend field inspections.

Any needed changes to the maps identified during the PCI inspections will be reported to the Department.

Task 4: Delivery of all documentation/material. The Consultant will update the airport pavement maps, pavement conditions and distress data and photographs for distribution by the department for each yearly cycle of completed airport inspections. Once a full cycle (3 years) has been completed all pavement maps, pavement conditions, distress data and photographs shall be distributed to the department on a self-running compact disc (CD's, quantity of eighty-five (85)). Updated PCI information, maps and photographs will be included on the CD. All facility documentation regarding the PCI's, maps, photographs and interactive CD will be delivered upon completion to the

Department. All documentation, maps, and photographs will be property of the Department. In addition, all PCI information, maps, photos and other relevant survey material will have web based capability.

The tasks are listed in the general sequence in which they will be conducted, and possible overlap may occur in some of the activities.

The Consultant is also required to have airport survey experience, Transportation Security Administration (TSA) training (applicable to Primary Airports in Illinois), and had employee background checks, and have radio operation communications experience.

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed Airport Pavement Reviews completed with key personnel above in the last five years.

If a Consultant has 2 or more Illinois airport sponsors as clients, this is deemed a conflict of interest and the consultant will not be considered for the PMS contract.

The completion date for this contract will be 76 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the project (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

The prime firm must be prequalified in the **Airports (Design)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

26. **Job No. P-30-005-15, Development of a Computer Aided Design and Drafting Policy Manual, Bureau of Design and Environment.**

This project contains Federal Funds.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and any sub-consultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2015 at 10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Design and Environment in **Springfield**.

Services are required to develop a Computer Aided Design and Drafting (CADD) Policy Manual. Preparation of this manual will require developing guidance and policy enabling standardized use of three dimensional (3D) CADD technology for the design, construction, and operation of the Department's transportation highway infrastructure. This shall include development of policy and guidance for CADD users to develop plans and 3D Models for roadway and structures utilizing PowerGEOPAK Select Series 4 and MicroStation Select Series 3. This shall also include standardizing requirements for delivering 3D Models in a file format(s) facilitating project estimating, bidding, automated machine guidance, construction layout, construction inspection, and as-built plan retention. To facilitate this, the Consultant shall meet with IDOT personnel where a pilot project(s) will be designed utilizing the software cited above concurrently with the policy development. Development of this manual will also require updating and incorporating the existing CADD Roadway and Structure Project Deliverables Policy, the CADD Roadway Drafting Reference Guide, and the CADD Structures Drafting Reference Guide to reflect the current standards and policies. Also, the Consultant shall revise the policy and guides cited above into one document.

The department will furnish the Consultant with the existing Deliverables Policy and Drafting Reference Guides in electronic format in Microsoft Word and MicroStation.

The completion date for this contract shall be 24 months after the notice to proceed.

The Consultant is required to have the following:

- Experience in research, development, and production of technical manuals, including the preparation of manuals for IDOT or other departments of transportation.
- Experience in developing standards and CADD workflows.
- Knowledge of and experience with all aspects of plan preparation for roadways and structures including 3D modeling.
- Ability to produce the CADD Policy Manual electronically utilizing the latest versions of Microsoft Word, PowerGEOPAK Select Series 4 and MicroStation Select Series 3, and Adobe Acrobat.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work.
- The person(s) performing the technical writing for the work.
- The person(s) performing the CADD portion of the work including development of CADD workflows.

Statements of Interest shall include relevant projects completed by the firm typical of the work described above. Do not provide more than 10 projects completed by the firm within the past five years by members of the Consultant's current key personnel listed above.

Statements of interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

Firms interested in submitting for this item that are not currently prequalified must contact Carrie Kowalski to establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment at Carrie.Kowalski@illinois.gov.

27. **Job No. C-30-012-15 Specific Gravity & Unit Weight Testing, Bureau of Materials and Physical Research (BMPR)**

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 5, 2015 at 10:30 A.M.** in the Bureau of Materials and Physical Research (BMPR) office at 126 East Ash Street, **Springfield**.

This project requires specialized technical services to perform aggregate specific gravity and unit weight testing on both fine and coarse aggregate. The department requires aggregate producers to have their materials tested for quality on an annual basis. This testing is performed by BMPR. Specific gravity is not a quality test; however, since specific gravity information is necessary for PCC and HMA mix designs, BMPR performs specific gravity testing on each sample. The unit weight testing is performed by BMPR on specific samples. Unit weight testing is needed for PCC mix designs. The purpose of this project is to transfer the specific gravity and unit weight testing to the Consultant. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultants laboratory shall meet the following requirements:

- AMRL certified for AASHTO T84, AASHTO T85 and AASHTO T19. The Consultant will have 3 months after the contract is awarded to receive this certification if the lab is not currently certified.
- Additional inspection and approval by BMPR and random checks by BMPR throughout the contract.
- Capable of adding new test methods as identified for use by BMPR.

The Consultant will be expected to test approximately 4,000 samples annually. The department will furnish the Consultant with the following:

- Training for all necessary personnel and formal copies of the Illinois Test Procedure (ITP) of each test method.
- Spreadsheet to be used for the reporting of test results.

Information obtained through testing is property of the Illinois Department of Transportation and cannot be sold/given to any other entity without written permission from IDOT.

The completion date for this contract will be 72 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents must be an Illinois Licensed Professional Engineer.
- Licensed Professional Geologist to oversee all testing. Minimum 15 years' experience in aggregate testing and aggregate inspection in Illinois is preferred.

Statements of Interest must also include the following:

- Firm's experience with this type of work (include the dates when work was completed).

- Firm's technique for completion of this type of work.
- Firm's calculated burden and overhead rate.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

Firms interested in submitting for this item that are not currently prequalified must contact Carrie Kowalski to establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment at Carrie.Kowalski@illinois.gov.

28. **Job No. C-30-013-15, In-House Consultant Testing for Material Labs for the Bureau of Materials and Physical Research**

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2015 at 10:30 A.M.** at the Bureau of Materials and Physical Research (BMPR), 126 East Ash Street, **Springfield**.

This project requires specialized technical services to perform materials testing and laboratory inspection services for the department. Up to ten technicians may be required to conduct the materials testing. One technician/engineer may be required to conduct laboratory inspections. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Testing services are expected to include Aggregate, Hot-Mix Asphalt (HMA) and Portland Cement Concrete (PCC) test methods as assigned. Such testing may include, but is not limited to Sodium Sulfate Soundness, Los Angeles Abrasion, HMA Bulk and Maximum Specific Gravity and Solvent Extractions, and PCC Air and Slump Testing. Testing is expected to be performed using department equipment and to be done in accordance with department policies. Test equipment, such as Los Angeles Abrasions machines, Specific Gravity Tanks, and Slump Cones will be provided and maintained by the department. Consultant personnel will be required to conduct his/her work at the Bureau of Materials and Physical Research (BMPR) located at 126 East Ash Street in Springfield. The working schedule for Lab Technicians will be 8:00 am to 4:30 p.m. with a 1 hour lunch from 12:00 p.m. to 1:00 p.m., or as approved by laboratory supervisor.

The completion date for this contract will be 72 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer.)
- The person(s) who will serve as Consultant Lab Technicians, those individuals performing the testing services, must have a valid Illinois driver's license, and be capable of lifting 75 pounds on a continuous basis. Lab Technicians must also be trained by Lake Land College in the appropriate QC/QA areas, listed below:
 - For Lab Technicians for the Aggregate Testing Lab – CET 020 or CET 021
 - For Lab Technicians for the HMA Testing Lab – Minimum CET 029
 - For Lab Technicians for the PCC Testing Lab – Meet the requirements of ASTM C 1077

All other applicable training will be provided by the BMPR.

Statements of Interest must also include the firm's previous experience with this type of work and appropriate test methods; include the dates when work was completed.

The Consultant must provide evidence of the licensing requirements listed above, and documentation for each individual showing experience with the specific aspects of the above work efforts as required for their involvement in the work. Consultant Lab Technicians are required to have ANSI 75 Class 6" or higher Steel-toed Boots. All other safety equipment for the Consultant Lab Technicians will be provided by the BMPR, as needed.

Information obtained through testing, data processing, and inspections is the property of the Illinois Department of Transportation (IDOT) and cannot be sold/given to any other entity without written permission from IDOT.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

Firms interested in submitting for this item that are not currently prequalified must contact Carrie Kowalski to establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment at Carrie.Kowalski@illinois.gov.

29. **Job. No. D-60-031-16, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties in Districts Two, Three, Four, and Five, Bureau of Operations.**

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2015 at 10:00 A.M.** at the Central Bureau of Operations office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 2, 3, 4, and 5. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The project will include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, or any other available information. The completion date for this contract will be 24 months after authorization to proceed.

The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

Key personnel on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents, must be an Illinois Licensed Professional Engineer;

- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments;
- The person who will conduct the evaluation of the optimization plans; and
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five years.

The prime firm must be prequalified in the **Special Studies: Signal Coordination & Timing (SCAT)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

30. **Job. No. D-60-032-16, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties in Districts Six, Seven, Eight, and Nine, Bureau of Operations.**

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2015 at 1:00 P.M.** at the Central Bureau of Operations office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 6, 7, 8, and 9. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The project will include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, or any other available information. The completion date for this contract will be 24 months after authorization to proceed.

The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

Key personnel on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents, must be an Illinois Licensed Professional Engineer;

- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments;
- The person who will conduct the evaluation of the optimization plans; and
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five years.

The prime firm must be prequalified in the **Special Studies: Signal Coordination & Timing (SCAT)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

31. **Job No. D-60-033-16, Statewide Sign Structure Inspection, Various Projects, Various Routes, Various Counties, Various Districts, Bureau of Operations.**

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2015 at 10:00 A.M.** at the Central Bureau of Operations office in **Springfield**.

The scope of this project consists of planning, organizing and performing detailed structural inspections on simple aluminum span trusses, aluminum cantilever trusses, Vierendeel type steel span trusses, Vierendeel type steel cantilever trusses and bridge mounted sign structures. The number of overhead sign structures to be inspected is approximately 270. The detail structural inspection shall include rating of all components, evaluation of conditions and preparation of an inspection report including a prioritized summary of repairs. The use of ultrasonic testing equipment to spot check the wall thickness of end supports for aluminum trusses and the chords for Vierendeel steel trusses will be required. Work Orders, by district, under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant shall provide all manpower, equipment, vehicles, materials, and the appropriate traffic control for each structure to satisfactorily complete the work. The work shall be done in accordance with the Sign Structure Inspection Manual, the Manual on Uniform Traffic Control Devices and any department policies or procedures governing the work. Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with Highway Standards 212-701101-04 or 212-701106-02 and as directed by the Engineer. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate.

A handheld mapping grade GPS device shall be used for the data collection. GPS coordinates of overhead sign structures, datum to be used shall be North American 1983. The receiver shall support differential correction and data shall have minimum sub-meter accuracy after post processing. The device may also utilize Differential GPS to obtain the specified accuracy. Upon verification, data collection can begin. GPS receivers integrated into cellular communication devices, recreational and automotive GPS devices are not acceptable.

The inspector should have basic knowledge of sign truss nomenclature, experience in structural inspection, and be able to read and interpret shop drawings, be physically able to work at heights, operate an automatic camera and other specialized testing equipment. The Consultant should have a licensed Structural Engineer who has the expertise in welding and weld details on sign structures and is capable of making recommendations on structural repairs.

The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

32. **Job No. D-60-034-16, District 1 Sign and Tower Structure Inspections, Various Projects, Various Routes, Various Counties, Bureau of Operations.**

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2015 at 1:00 P.M.** at the Central Bureau of Operations Office in **Springfield**.

Engineering services are required for the inspection of sign and tower structures and for the collection of data and the development of reports. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

013

Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with District 1 Detail TC-17 and as directed by the Engineer. The appropriate traffic control shall be provided for each High Mast Lighting Tower to be inspected. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate. The Consultant shall request and gain approval from the Illinois Department of Transportation's Expressway Traffic Operations Engineer at www.idotlcs.com twenty-four (24) hours in advance of all daily lane, ramp and shoulder closures and one week in advance of all permanent and weekend closures on all Freeways and/or Expressways in District One. This advance notification is calculated based on workweek of Monday through Friday and shall not include weekends or Holidays. Shoulder closures or partial ramp closures (per attached TC-17) will not be permitted on weekdays (Monday thru Friday) from 5:00 a.m. to 9:00 a.m. and from 3:00 p.m. to 7:00 p.m. Lane closures are normally not permitted during the day. Exact hours will be determined by the Expressway Traffic Operations Engineer.

Overhead Sign Structures Inspections

Overhead Sign Structures Phase 1, Data Collection is expected to consist of performing a detailed structural inspection of all components of an overhead sign structure.

- The department will typically provide:
 - List of overhead sign structures to be inspected complete with structure inventory number and location.
 - List of district contacts.
 - Sample copy of inspection reports, if needed.
 - Copy of the Illinois Highway Design Standards for Traffic Control, if needed.

The Consultants work is expected to consist of:

- Proposed inspection schedule.
- Progress report effective the 1st of the month, submitted by the 10th with written narratives to discuss work completed the past month and work expected the following month.

- Trained manpower, equipment, vehicles, and materials to complete the detailed inspections and necessary nondestructive testing.
- The appropriate traffic control for each structure is to be inspected.
- Computerized database, compatible with the department's computer programs, for each structure inspected.
- Photographs of typical deteriorated overhead sign structure components.
- Draft copy of a completed overhead sign structure inspection report.
- The necessary equipment to systematically spot check the wall thickness of suspected deteriorated supports.

Overhead Sign Structures Phase 2 – Data Analysis is expected to consist of using the data collected for each overhead sign structure inspected. The Consultant is required to complete the inspection report form, rating all components of the overhead sign structure and evaluating the overall condition of the structure. Also, using the data collected the Consultant is expected to provide a comprehensive report. The report shall prioritize the inspected structures for repair. Two (2) copies of the report, in hard copy and in electronic media, including digital pictures in JPG format, shall be submitted.

All data collected and used in the analysis of the overhead sign structures and a copy of the computer database developed will be given to the department.

High Mast Lighting Tower

High Mast Tower Lighting Phase 1 Data Collection is expected to consist of performing a detailed structural inspection of all components of a High Mast Lighting Tower including foundation. The inspection shall be based on and in accordance with Federal Highway Administration (FHWA NHI 05-036) Guidelines on the Inspection and Maintenance of Ancillary Highway Structures. Inventory data shall be collected which includes date of installation, manufacturer, installation contractor, plate thickness, number of anchor rods, anchor rods diameter, rodent screen/grout pad, tower material, tower coating, type of tower splices, Distance between bottom of leveling nut and top of foundation, light fixtures, camera and miscellaneous attachments etc. Location information and GPS in Latitude and Longitude (decimal degrees) shall be collected in the specified format, and non-destructive tests performed, per listed requirements.

The department will typically provide:

- List of High Mast Lighting Tower to be inspected complete with Tower inventory number and location.
- List of district contacts.
- Sample copy of inspection reports.
- Copy of the Illinois Highway Design Standards for Traffic Control, if needed.
- Templates in electronic form

The Consultants work is expected to consist of:

- Proposed inspection schedule. Work and access must be coordinated with IDOT Electrical Maintenance Contractor.
- A Structural analysis by Structural Engineer and all reports shall be stamped with his/her license.

- A Professional Engineer registered in the State of Illinois who has taken the NHI/FHWA course “Inspection and Maintenance of Ancillary Highway Structures” with five years’ experience to conduct the inspections.
- Progress report effective the 1st of the month, submitted by the 10th with written narratives to discuss work completed the past month and work expected the following month.
- Manpower, equipment, vehicles, and materials to complete the detailed inspections.
- The necessary equipment to spot check the wall thickness and measure each flat side on the tower 2” above base plate and one at 12” from base plate.
- The necessary equipment to perform ultrasonic testing, and conduct an ultrasonic test of all anchor rods.
- A test of suspected welds and deteriorated welds with dye penetrant.
- The appropriate traffic control per IDOT Traffic Control specifications for each High Mast Lighting Tower to be inspected.
- Excel database, on a Windows based platform or as approved by the Engineer, for all Towers inspected. To facilitate reporting and prioritization of repairs. Database shall be developed that will allow printed reports that prioritize needed repairs and /or maintenance. File folders with all hard copy of the forms filled out, completed records and documentation for each tower with photographs stamped by a structural Engineer. Including a PDF file of each lighting tower, with the location and tower decal number submitted on a CD.
- Digital photographs of deteriorated High Mast Lighting Tower components; Identified by tower location and decal number shall be linked / tagged to the database.
- Draft copy of a completed High Mast Lighting Tower inspection report.
- A handheld mapping grade GPS device shall be used for the data collection. GPS coordinates of High Mast Lighting Tower, datum to be used shall be North American 1983. Prior to the collection of data, the contractor shall provide a sample data collection of at least six data points of known locations to be reviewed and verified by the Engineer to be accurate within 3 feet. The receiver shall support differential correction and data shall have minimum sub-meter accuracy after post processing. The device may also utilize Differential GPS to obtain the specified accuracy. Upon verification, data collection can begin.

GPS receivers integrated into cellular communication devices, recreational and automotive GPS devices are not acceptable. The GPS shall be the product of an established major GPS manufacturer having been in the business for a minimum of 6 years. The manufacturer and model of the GPS device shall be identified as well as any software used on the device and in post processing.

Using the data collected for each High Mast Lighting Tower inspected the consultant shall complete the inspection report form, rating all components and evaluating the overall condition of the High Mast Lighting Tower. The rating shall show reliability as good, fair, poor, and critical as specified under FHWA.

Using the data collected, a comprehensive report shall be prepared. The report shall prioritize the inspected High Mast Lighting Tower for repair. Two (2) copies of the report, in hard copy and in electronic media, shall be submitted with the templates provided by IDOT with all fields filled out and completed for each tower.

- All data collected and used in the analysis of the High Mast Lighting Tower and a copy of the computer database developed will be given to the department.

- The GPS shall be included in the report and shall be provided separately in an electronic format that shall be compatible with MS Excel. Latitude and Longitude shall be in decimal degrees with a minimum of 6 decimal places.
- The report shall provide recommendations for repair; time-frame and priority rating of the repair for each component any critical repairs required must be clearly identified.
- A summary report/letter shall be provided with required maintenance recommendations for all High Mast Lighting Tower inspection and analysis.

Completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

33. Job No. C-30-021-15 Various Phase I, II and/or III Engineering Services for Chicago to St. Louis High Speed Rail, Various Counties, Bureau of Railroads.

This project contains Federal Funds.

This project requires 30% DBE participation.

The **Complexity Factor** for the project is **0**.

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **July 23, 2015 at 1:30 P.M.** in the Central Bureau of Railroads in **Springfield**.

Phase I, II and/or III services are required for all work associated with the preparation and/or review of various Phase I and II Location/Design Studies, Railway Engineering studies, Railway and Highway plans, Specifications and Estimates, and Construction Inspection for the improvement of the Chicago to St. Louis (CHISL) High Speed Rail (HSR) project. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The engineering services required may consist of only a portion of the total engineering work on the project. The Consultants activities are anticipated to be monitored by the High Speed Rail Project Manager (PM) for this project.

Phase I work: The Phase I work, if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental studies, preparing Project Reports, and preparing or reviewing railway engineering plans. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, preparing and/or reviewing hydraulic reports or drainage studies, and other related work and exhibits necessary to produce the Project Reports. Traffic studies, Value Engineering and various preliminary engineering studies may also be required.

Phase II work: The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, roadway plans, preparation or review of railway engineering plans, preparation or review of railway station site plans, and any other related work to complete final plans, specifications, and estimates as necessary.

Phase III work: The Phase III work may consist of the inspection, supervision, construction layout, material testing, and field inspection for highway/railroad grade crossings, grade separations, approach roadway reconstruction or rehabilitation, earth excavation and embankment construction, bridge rehabilitation or construction, or other duties as assigned throughout the Chicago-St. Louis rail corridor. The Consultant will be asked to furnish a registered IL PE or an approved non-licensed engineering technician to act as Assistant Resident Engineer (ARE) or inspector on these projects. The Consultant is expected to perform on-site inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants on the same project or on material coming in from the

same plant is prohibited. At the negotiation meeting, the prime Consultant and sub-consultant(s) will disclose all current relationships with contractors.

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, railroad coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this contract must include:

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The Assistant Resident Engineer (with current IDOT Construction Documentation certificate.) Also must be certified to perform the Nuclear Density Testing (include nuclear license); and QC/QA Level I HMA and PCC testing and ICORS training.
- The Inspectors certified to perform the Nuclear Density Testing (include nuclear license) and QC/QA Level I HMA and PCC testing and ICORS training.
- The person who will be in-charge of surveys (must be an Illinois Professional Land Surveyor). Surveying prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)

Location/Design Studies (Reconstruction/Major Rehabilitation)

Special Transportation Studies (Railway Engineering)

Special Services (Construction Inspection)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

34. Job No. SPR-PL-3000(54), Various IL Multi-Modal Planning Assistance Services, Office of Planning & Programming

This project may contain Federal Funds

This project requires a 15% DBE participation

Complexity Factor for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2015 at 10:00 A.M.** in Room 300 at the Harry R. Hanley Building in **Springfield**.

Consultant services are required to provide technical support for the following: statewide planning and programming data analysis, analytical tool development, prepare strategic guidance and policy recommendations, provide training, conduct research support, peer exchange facilitation and participate in other related work that will assist the Office of Planning and Programming in the development of statewide and regional plans, assist in ensuring the department is in line with federal regulations, policies, and programs associated with state, federal and local multi-modal issues, policies and initiatives. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will provide the Consultant with any relevant and available information such as studies, plans, program, and inventory data. The Consultant work may include data collection, application development research, studies, peer reviews, technical assistance, planning, and programming activities in addition to assisting and advising the department on issues relating to state, local and federal multi-modal policies, and initiatives. Deliverables/Products expected of the selected consultant include; plans, studies, data analysis and research associated with state, federal and local multi-modal transportation planning and programming issues. Other expected deliverables include useable applications as requested in spreadsheet or other easily useable form.

The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- Person who will assume the duties of Project Manager for aspects of the work. (must be an Illinois Licensed Professional Engineer)
- The Environmental Lead, who will be responsible for the day-to-day management of the any environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.
- Person who will perform the QC/QA review work of all milestone submittal documents. (must be an Illinois Licensed Professional Engineer)

Statements of Interest must also include an organization chart, detailed project approach, and firm and individual team member experience.

The prime consulting firm must be prequalified in the following categories to be considered for this project:

Special Studies (Feasibility)

Special Studies (Traffic Studies)

Environmental Reports (Environmental Assessment)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

Notice

Documentation of Erosion and Sediment Control Training Revised 1-26-15

Effective May 10, 2013, the Illinois Department of Transportation (IDOT) issued Department Policy D&E-23 (Erosion and Sediment Control Training) which established an Erosion and Sediment Control Training requirement for engineering consultants and Department staff. Training is conducted through the Illinois Center for Transportation (ICT). The policy also established a timeframe of January 1, 2015 for consultants and staff to have training.

Three courses have been established:

- Fundamentals of Storm Water Pollution and Erosion and Sediment Control
- Erosion and Sediment Control for Designers
- Erosion and Sediment Control for Construction

To ensure D&E-23 is being fully implement, Phase II selected consultants or their sub-consultant who are signing off on all plans requiring a Storm Water Pollution Prevention Plan (SWPPP) BDE Form 2342 shall provide a copy of the ICT issued training certificate during the negotiation stage of the project for both Fundamentals of Storm Water Pollution and Erosion and Sediment Control and Erosion and Sediment Control for Designer.

Phase III selected consultants or their sub-consultant who involved with construction inspection shall provide a copy of the ICT issued training certificate during the negotiation stage of the project for both Fundamentals of Storm Water Pollution and Erosion and Sediment Control and Erosion and Sediment Control for Construction.

Individuals who have completed the Fundamentals course are considered current for an indefinite period. However, the course for Designers and Construction are considered current for a period of five years.

Lastly, other erosion control training/certification may be acceptable for consultants or their sub consultants; however, the IDOT Storm Water Committee will review any external erosion control training/certification submitted by consultants to determine if it will be accepted.

Navigating the web-site for Engineering Consultant Firms.

This gives a quick overview of the website and locations of data typically used by Consultant Engineering firms.

Most information is located under the Doing Business, Procurements, Engineering, Architectural & Professional Services: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

Erica J. Borggren, Acting Secretary

A-Z INDEX FAQ EMPLOYMENT RESOURCES CONTACT HELP

Pat Quinn, Governor

Illinois Department of Transportation

What are you searching for? Q

ABOUT IDOT TRANSPORTATION SYSTEM DOING BUSINESS TRAVEL INFORMATION

Home > Doing Business > Procurements > Engineering, Architectural & Professional Services

Doing Business

Engineering, Architectural & Professional Services

Prior to any road or bridge being constructed, the department identifies the need for specialized work in order to complete IDOT's [Multi-Modal Multi-Year Transportation Improvement Program](#). To accomplish the program without appreciably increasing the number of IDOT personnel or performing services for which the department does not have specialized expertise, the department seeks out the services of professional engineering, land surveying and architectural firms.

In order to work for the department in this capacity, firms must first seek prequalification in specialized categories. Once prequalified a firm is eligible to submit a statement of interest on advertised projects. If selected, the firm follows department rules and regulations until fulfillment of the contractual obligation.

Prequalification Bulletin Statement of Interest Compliance & Admin Stay Connected

Quick Links

- Consultant Resources
- EPAS
- Highways Procurement Policy Review (HPPR)
- Industry Marketplace
- Vendor Documents System

Consultant Resources: All the highway standards, specifications etc. These are resources used to create Planning/Project Reports and Plans, Specs and estimates for roads and bridges.

EPAS: The logon Screen

HPPR: Shows for Consultant Agreements, the firm selected, number of firms interested, pertinent dates.

Industry Market Place: provides up to date data for firms related to the industry.

Vendor Documents System: Log on Screen

Erica J. Borggren, Acting Secretary
A-Z INDEX
FAQ
EMPLOYMENT
RESOURCES
CONTACT
HELP
Pat Quinn, Governor

Illinois Department of Transportation

What are you searching for?

ABOUT IDOT TRANSPORTATION SYSTEM DOING BUSINESS TRAVEL INFORMATION

Home > Doing Business > Procurements > Engineering, Architectural & Professional Services

Doing Business

About IDOT
Transportation System
Doing Business
Procurements
Engineering, Architectural & Professional Services
Land Acquisition Services
Construction Services
Other Procurement

Engineering, Architectural & Professional Services

Prior to any road or bridge being constructed, the department identifies the need for specialized work in order to complete IDOT's [Multi-Modal Multi-Year Transportation Improvement Program](#). To accomplish the program without appreciably increasing the number of IDOT personnel or performing services for which the department does not have specialized expertise, the department seeks out the services of professional engineering, land surveying and architectural firms.

In order to work for the department in this capacity, firms must first seek prequalification in specialized categories. Once prequalified a firm is eligible to submit a statement of interest on advertised projects. If selected, the firm follows department rules and regulations until fulfillment of the contractual obligation.

Quick Links

Consultant Resources
EPAS
Highways Procurement Policy Review (HPPR)
Industry Marketplace
Vendor Documents System

Prequalification
Bulletin
Statement of Interest
Compliance & Admin
Stay Connected

Prequalification

All engineering, land surveying and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural/engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute ([30 ILCS 535/1](#)).

There are approximately 400 firms prequalified with IDOT that are able to submit interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the [List of Prequalified Consultants](#) and [List of Prequalified DBE Consultants](#) provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or categories.

Outlined below is information on how your firm can become prequalified, renew their prequalification, and/or add prequalification categories:

▼ Prequalification

1. Review the [Description and Minimum Requirements for Prequalification](#) to select which category or categories best matches the firm's expertise.
2. Request access to IDOT's [Engineering Prequalification and Agreement System \(EPAS\)](#). Firms new to prequalification with IDOT must request an [EPAS](#) account. EPAS is a web-based database where Statements of Experience and Financial Condition (SEFC) and Statements of Interest (SOI) are submitted electronically to IDOT. To request an account:

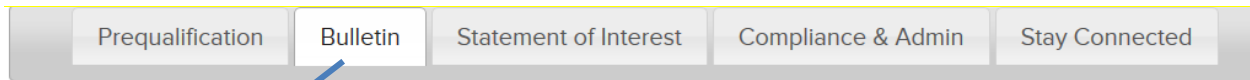
Email Carrie.Kowalski@illinois.gov. Indicate your firm's interest in becoming a prequalified engineering consultant and attach the federal form, W-9.

Once an account has been established, [EPAS](#) can be accessed. The [EPAS Instruction Manual](#) is also provided to assist in the navigation of the system.

Professional Transportation Bulletin 176

Published May 7, 2015

3. Submit an application: To become Prequalified, the Statement of Experience and Financial Condition (SEFC) must be completed directly in [EPAS](#) and [EPAS](#) will clarify all requirements.
4. Check status of application: Log On to [EPAS](#). Status of application will be displayed.



Bulletin

IDOT advertises for professional services four times a year via the Professional Transportation Bulletin (PTB) and makes this schedule public via the PTB Schedule (below). The PTB contains information pertaining to the advertisements for offers of interest for professional engineering, land surveying and architectural services for IDOT projects. On occasion, a special bulletin is necessary. Below you will find the active PTB as well as supplementary information. If wishing to review archived bulletins and press releases please navigate to [Resources](#).

- [PTB 174r2](#) (revised 11-20-14)

Negotiation Information

To view the most current negotiation meeting information on particular advertised items please [click here](#). This information has not been finalized and is subject to change. Contact the appropriate District for questions regarding a particular Item.

▼ Tentative PTB Schedule

Activity	Publish PTB	Statements of Interest Due	Selection Meeting
PTB 173	8/7/2014	8/28/2014	10/22/2014
PTB 174	11/6/2014	12/4/2014	1/28/2015

Statement of Interest (SOI)

Engineering, land surveying and architectural firm selections for PTB items are Quality Based. The review of the department's governing state statute ([30 ILCS 535/1](#)) is encouraged.

Firms interested in a project, are required to submit an SOI by the advertised due date to be considered for an advertised project. To submit an SOI:

1. Log on to the [Engineering Prequalification and Agreements System \(EPAS\)](#) and follow the prompts for requirements and review the [EPAS Instruction Manual](#).
2. Complete and upload the following forms to EPAS:
 - [BDE DISC 2 Template](#)
Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure
 - [BDE 2900](#)
Disclosure of Business Operations in Iran

Selection will occur on the date specified in the published PTB.

▼ Things to Keep in Mind While Completing a SOI

Disadvantaged Business Enterprises (DBE) Goal

IDOT strives to maintain an equitable distribution of work for its many business partners. One way to accomplish this is through the department's administration of the federally mandated DBE Program. The DBE program is intended to provide contracting opportunities to small businesses owned and controlled by socially and economically disadvantaged individuals. On most projects a DBE percentage goal is required.

To view the directory of DBE firms that are certified please view the [IL UCP](#) (updated every

Location of forms etc., for use in doing an agreement contract with IDOT


Prequalification	Bulletin	Statement of Interest	Compliance & Admin	Stay Connected
------------------	----------	-----------------------	--------------------	----------------

Compliance & Administration

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed fro the following processes.

• Agreement Execution	Administration of the Project	Policy & Procedures
-----------------------	-------------------------------	---------------------

Agreement Execution

The [Standard Agreement Provisions for Consultant Services \(SAPCS\)](#)  are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.

▼ Prime Agreement

In order to execute an agreement between the selected firm and IDOT, additional requirements are needed before the project can officially begin (or continue).

Prime Agreement:


1. Assemble Proposal Package for a Prime Agreement: The following forms are required to enter into a Prime Agreement with IDOT. All forms are submitted to the assigned Project Manager unless otherwise noted below.

▼ Requirements


- [Direct Cost Check Sheet: BDE 436](#) 
- [Consultant Employee Utilization Form: BDE 2350](#) 
- Cost Estimate of Consultant Services Worksheets (CECS):
 - [Anniversary Cost Plus](#) 
 - [Anniversary Direct Labor Multiple \(2.85\)](#) 
 - [Anniversary Direct Labor Multiple \(2.80\)](#) 
 - [Anniversary Direct Labor Multiple](#) 
 - [Fixed Cost Plus](#) 
 - [Fixed Direct Labor Multiple \(2.85\)](#) 
 - [Fixed Direct Labor Multiple \(2.80\)](#) 
 - [Fixed Direct Labor Multiple](#) 
 - [Escalation Template](#) *
- Draft Narrative of Project Schedule and/or Bar Chart of Project Schedule
- Draft Scope of Work (customized and emailed in Microsoft Word format)
- [Title VI-Nondiscrimination in Federally Assisted Programs: EEO 1981](#) 
- Negotiation Meeting Minutes
- [Prime Subconsultant Agreement](#)  **

- Quality Assurance/Quality Compliance Plan


*Submitted to DOT.Escalation@illinois.gov 

**Uploaded to [Vendor Documents Database](#)  once complete proposal package is received by the department and the contract number appears under the contract listing.


► Facilities Capital Cost of Money

2. Submit Subconsultant related documentation: The prime firm must upload subconsultant disclosure forms and copies of subconsultant agreements to the [Vendor Documents Database](#)  for each project they have been selected for.

Please note: It is the prime's responsibility to collect and upload prime and subconsultant continuing disclosures forms. These forms should be submitted starting at the end of the fiscal year (June) and should be uploaded by the beginning of the new fiscal year (July). If these requirements are not met the firm's contract will be at risk and will be contacted by the department's Procurement Office.

3. Multi-Year Contract Certification. The Illinois Procurement Code requires that every person who has entered into a multi-year contract and every subcontractor with a multiyear subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible Chief Procurement officer whether it continues to satisfy the certification requirements of Article 50 pertaining to eligibility for a contract award. 30 ILCS 500/50-2. To view the certifications and additional requirements of [Article 50](#) . Please fill out the form below:

- [Continuing Disclosure for Contractors and Subcontractors with Multi-Year Contract](#) 

4. Highway Procurement Policy Review (HPPR): To view active engineering, architectural, professional service agreements, and/or supplemental agreements please navigate to [HPPR](#) .

For Supplemental:


▸ Supplemental Agreement

The following forms are required if an amendment is made to the Prime Agreement and is still within the advertised scope of work.


1. Submit Proposal Package for a Supplemental Agreement: All requirements are submitted to the appropriate Project Manager unless otherwise noted below.

▸ Requirements


▸ Facilities Capital Cost of Money

2. Submit Subconsultant related documentation: The prime firm must upload subconsultant disclosure forms and copies of subconsultant agreements to the [Vendor Documents Database](#)  for each project they have been selected for.

Please note: It is the prime's responsibility to collect and upload prime and subconsultant continuing disclosures forms. These forms should be submitted starting at the end of the fiscal year (June) and should be uploaded by the beginning of the new fiscal year (July).

3. Multi-Year Contract Certification. The Illinois Procurement Code requires that every person who has entered into a multi-year contract and every subcontractor with a multiyear subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible chief procurement officer whether it continues to satisfy the certification requirements of Article 50 pertaining to eligibility for a contract award. 30 ILCS 500/50-2. To view the certifications and additional requirements of Article 50 [click here](#) . Please fill out the form below:

- [Continuing Disclosure for Contractors and Subcontractors with Multi-Year Contract](#) 







4. Highway Procurement Policy Review (HPPR): To view active engineering, architectural, professional service agreements, and/or supplemental agreements please navigate to [HPPR](#) .

Administration of the Project

This section lists all forms that must be submitted by consultants throughout the contract term. Included are forms related to: (1) invoices (2) closing out a project and (3) firm changes.

▼ Invoices

Depending on the type of agreement, please choose the appropriate invoice to bill the department. All invoices are to be submitted to the Project Manager to get processed.

- [Cost Plus Fixed Fee: BDE 430 \(03/29/10\)](#) 
- [Cost Plus Fixed Fee Phase III: BDE 434 I \(12/20/12\)](#) 
- [CPFF with Unit Prices: BDE 433 \(03/29/10\)](#) 
- [Direct Labor Multiplier: BDE 428 \(03/29/10\)](#) 
- [Direct Labor Multiple Phase I & II: BDE 431 \(03/29/10\)](#) 
- [DLM with Unit Prices: BDE 424 \(03/29/10\)](#) 
- [Lump Sum: BDE 426 \(03/29/10\)](#) 
- [Specific Hourly Rate: BDE 427 \(4/06\)](#) 
- [S.U.E. formerly BDE 2545: BDE 429 \(03/29/10\)](#) 

► Firm Changes

► Closing out a Project

Stay connected allows firms to sign up or opt out of receiving data regarding Consultant Related Issues.

Prequalification

Bulletin

Statement of Interest


Compliance & Admin

Stay Connected

Stay Connected


The website is IDOT's primary way of doing business. The subscription server emails are an added courtesy the department provides. By subscribing you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin directly via the email you enter.

Instructions to Subscribe

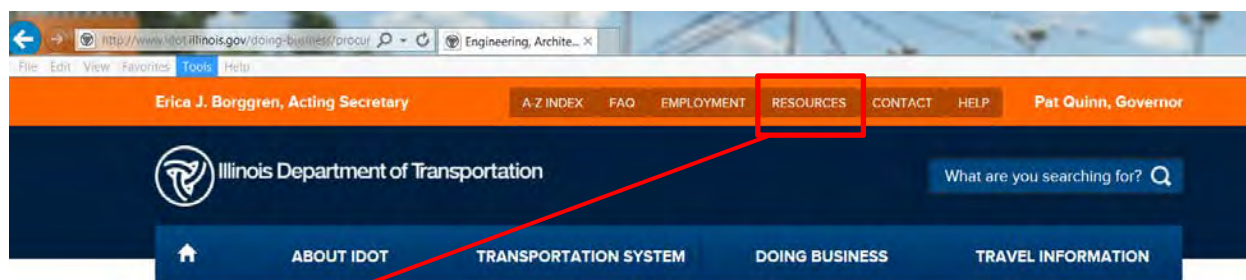
1. Prepare and send an email to the IDOT Subscription Server by using the following email address subscribe-dot-ptb@lists.illinois.gov .
2. A confirmation email will be sent to the subscriber with instructions.



Instructions to Unsubscribe

1. Prepare and send an email to the IDOT Subscription Server by using the following email address unsubscribe-dot-ptb@lists.illinois.gov .

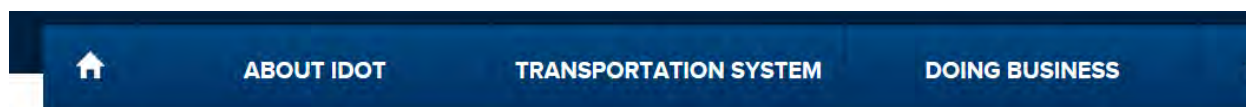
Using the Top Orange Ribbon:



Go to Resources, under Archives are the previous Professional Transportation Bulletin and selected consultants

Resources

This page is designed to help our visitors and users find a comprehensive list of manuals/guides, forms, reports etc. without having to access individual pages within the four main areas on the primary navigation of the site.



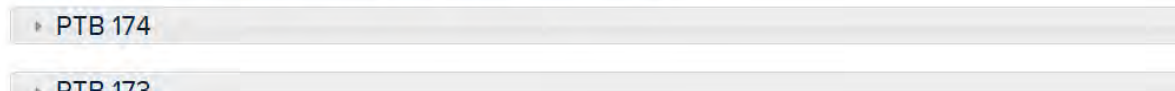
[Resources Home](#) | [Archives](#) | [Professional Transportation Bulletin Archives](#) | [Transportation](#)

Professional Transportation Bulletin Archives

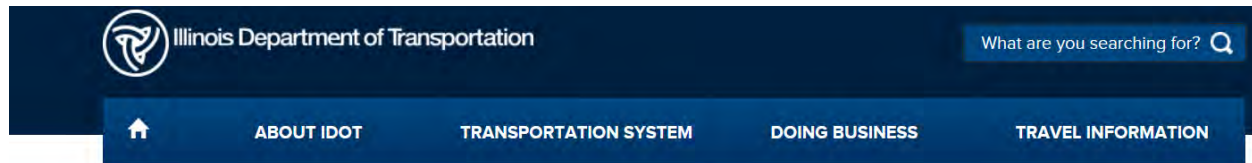
The following is a collection of past professional transportation bulletins advertised by IDOT. Contained below by year Transportation Bulletin and press releases. To view the current professional transportation bulletin navigate to [Engineer Professional Services: Bulletin](#).



2014 Archived Bulletins & Press Releases



Under Resources, Forms go to “D” and the Bureau of Design & Environment forms are located there.



Resources

This page is designed to help our visitors and users find a comprehensive list of manuals/guides, forms, reports etc. without having to access individual pages within the four main areas on the primary navigation of the site.



Archives



Forms



Manuals & Guides







Standards

A | B | C | **D** | L | M | O | P | Q | S | T

Forms

The following is a complete list of forms in accordance to the alphabet letter chosen above. The following are in order by Division/Office and for number.

▾ Design and Environment

- [BDE 124: Request for Authorization to Bid/or Not For Bid Status \(08/20/14\)](#) 
- [BDE 213: Estimate of Cost \(4/01/10\)](#) 
- [BDE 220A: Estimate of Time Required \(2/14/08\)](#) 
- [BDE 2289: Cultural and Natural Resources Review of Borrow Areas \(1/30/12\)](#) 
- [BDE 2290: Waste/Use Area Review \(3/7/12\)](#) 

NOTICE OF TRAINING OPPORTUNITY

Updated 9-23-14

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg

Lake Land College

5001 Lake Land Blvd.

Mattoon, IL 61938-9336

Phone: (217) 234-5285

Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us

Internet Homepage: <http://www.lakeland.cc.il.us/as/idt/index.cfm>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

<https://www.nhi.fhwa.dot.gov/default.aspx>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

<http://www.ntionline.com>

ILLINOIS CENTER FOR TRANSPORTATION

University of Illinois at Urbana-Champaign Erosion Control Research and Training Center (ECRTC).

Please visit the web-site for further information on course schedule and registration information:

<http://ict.illinois.edu/outreach/erosion-control-workshop/>

For questions about registration and cancellations contact:

Trachia Wilson

Email: tstolz@illinois.edu

Phone: 217-300-3197.

Notice for Teaming Clarification

5-1-14

The Joint Venture terminology is no longer being used. We are still allowing the practice of multiple firms joining efforts (prequalification categories and staff) to submit as a prime on a Professional Transportation Bulletin. Only the name has changed. The term Teaming is now used instead of Joint Venture. The Name Change is the only change.

The action of joining forces with another consultant to submit on a Professional Transportation Bulletin is now called Teaming. All policies and procedures referring to Joint Venture still apply with Teaming as the new name of the effort.

When submitting as a team, the collective prequalifications of the team are used to determine eligibility. When a Team is selected, negotiations proceed with the Team. Contracts are executed with the Team at the end of successful negotiations.

Statements submitted by Teams may be considered unless specifically prohibited in the advertisement. The Team Agreement is signed by all parties and must be included with the statement of interest.

The Team entity will have the sum of the individual firms' prequalification, capacity and evaluation history. IDOT **DOES NOT** have a form for Team agreements. The firms submitting as a Team are required to obtain and submit the Team agreement.

If a firm is submitting as part of a Team, then the firm may not submit as a prime alone or as part of another Team on the same item. The required insurance coverage applies to the Team entity. Each individual firm's current obligations (work left), delinquent debt, Iran disclosure, and disclosure forms A&B must be completed by each of the team members.

The Team entity will submit one statement of interest with the following specified:

- The firm managing the Team/Project, i.e. the lead firm;
- The Firm invoicing (typically the lead firm);
- The firm responsible for each prequalification category (must be prequalified in the category of work the firm is performing);
- Key personnel names with firm name on Exhibit A.

Teams can be submitted through EPAS. The firm's interested in performing as a Team must coordinate with each other and submit through EPAS. The lead firm should submit the Team Agreement and the Team entities must submit the required forms. See the EPAS Instruction manual.

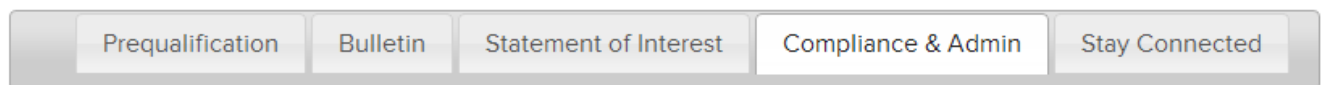
Review the EPAS Instruction Manual for details on submitting Statements of Interest through Teaming: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#SOI>

Notice

Reminder for Payroll Rate Sumbittal

To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms.** [Escalation Template](#) Revised 10/13.

Additional Information for the Cost Estimates and Consultant Services is available on the website: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Resources>



Compliance & Administration


Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed fro the following processes.

Agreement Execution

Administration of the Project

Policy & Procedures

Agreement Execution

The [Standard Agreement Provisions for Consultant Services \(SAPCS\)](#)  are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.

▸ Prime Agreement

▸ Supplemental Agreement

NOTICE:

Now available on the internet:

- Templates for Quarterly and Final Mentor-Protégé Reports.
- Mentor-Protégé Implementation has been revised.
- Assessment Templates for the Mentor and Protégé are also available.

See : <http://www.idot.illinois.gov/doing-business/procurements/Industry-Marketplace/mentor-protege/index#Engineering>

Construction

Engineering

Engineering

The Engineering Mentor-Protégé Program was created in 2009 at the Illinois Department of Transportation. Please select from the following topic below to view more information.





▸ Learn More

▸ How to Get Started


▾ Forms

This section provides necessary forms/templates your firm will need to access/complete throughout the duration of the agreement.



Submitting a Plan

- [Plan approval letter template](#) 
- [Phase I Mentor Protégé Example Template](#) 
- [Phase II Mentor Protégé Example Template](#) 
- [Phase III Mentor Protégé Example Template](#) 


Compliance

- [Mentor-Protégé Compliance Check Sheet](#) 

Reporting

- [Quarterly Report](#) 
- [Final Report](#) 

Required Assessments

- [Mentor Assessment](#) 

NOTICE

2-26-13

This requirement is NOT a criteria for Selection.

For PTB 166 and all subsequent PTB's and related supplements:

TRAINING/APPRENTICESHIP PROGRAMS. The CONSULTANT and all CONSULTANT's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all on-site construction related activities, including material testing and drilling, performed by laborers, workers and mechanics. For purposes of this Agreement, engineers, architects and land surveyors are considered "professional services" as defined in Section 30-15 of the Procurement Code and are not considered laborers, workers or mechanics. With respect to material testing and drilling, these requirements do not apply where the work is performed in a county without a prevailing wage classification for material testing as provided by the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

For the listing of prevailing wage classifications within a county, go to The Illinois Department of Labor.

<http://www.illinois.gov/idol/Pages/default.aspx>

SB 51 Rules

Impacts

- Reporting is required on all communications with outside entities that do or want to do business with a state employee if the conversation is procurement specific.
- IDOT immediately recognizes the issues with reporting publically procurement conversations.
- IDOT stopped scheduling meetings with outside entities about future procurements.

SB 51 Communications Reporting Aftermath

- Two long years pass
- Firm/vendors hire and lose talent
- Firm/vendors purchase new technology
- Firm/vendors develop other relationships

SB 51 Communications Report Relief

- Senator Harmon has a task force that is looking at the procurement reform legislation to see if additional changes to the procurement laws are appropriate.
- Task force will continue their work through the summer.
- No action to date.

New Rules

- IDOT staff determines their schedule.
- Firm/vendor must provide an agenda two days before the meeting.
- Consulting firm/firm/vendor must take notes.
- All IDOT employees should also take notes.
- Outside entities must sign an OCC 2500 Form that they are aware of the communications reporting laws and will adhere to all of IDOT's policies.
- Lobbyists of firm/vendors are not prohibited from attending these scheduled meetings since no reportable discussions are to take place. Meetings with lobbyists are permissible as long as these rules are followed.
- No meetings less than two weeks before a Selection Committee Meeting or construction letting.
- All notes, the form signed by the firm/vendor and the agenda provided should be retained by the IDOT employee that scheduled the meeting.

▪ Discussions are limited to:

- Firm/vendor personnel
- Firm/vendor past experience
- Work done for local agencies, other state agencies or other states
- Technology
- Goods or Services performed by firm/vendor

▪ NO PROCUREMENT DISCUSSION – PERIOD

- If procurement discussions occur, we take firm/vendors notes, add ours as necessary and post them on the internet.
- If procurement discussions occur, firm/vendor may be barred from meeting with anyone from IDOT for a year.

Notice

Documentation of Contract Quantities Class

Since July 2008, the "Documentation of Contract Quantities" class and re-tests have been administered by the University of Illinois- Illinois Center for Transportation, and coordinated by Mary J. Fries of the University of Illinois. The Illinois Center for Transportation (ICT) <http://ict.illinois.edu/> is an innovative partnership between IDOT and the University of Illinois at Urbana-Champaign (UIUC). All transactions and correspondence will now be through ICT and no longer with the Illinois Department of Transportation (IDOT) Central Bureau of Construction. Fees are now being charged for all classes and retests and will be required at the time of registration. Mary J. Fries can be contacted at mjfries@illinois.edu or (217)552-2432. Course and retest dates typically take place from November through April.

For consultant and local agency enrollment, as well as answers to frequently asked questions (FAQ), the "Documentation of Contract Quantities" is located at the U of I training website <http://ict.illinois.edu/outreach/documentation-training/>

Typically, in late September/early October the class schedule for the next fall/winter/spring's Documentation of Contract Quantities classes is posted. Also, firms can sign up for an automatic email reminder via ICT's website (see "Join Notification List") whenever new information is posted on their website.

NOTICE

METHOD OF PAYMENT

Effective 01-26-11

All future projects, beginning with PTB 159, will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

CPFF formula:

Compensation = DL+DC+OH+FF

Where FF:

For Prime Agreements is:

$(0.37 + R)DL + \%DL$

When % is:

1 or 2 sub-consultants = 10% of Direct Labor (DL) of Subs

3 or 4 sub-consultants = 12% of Direct Labor (DL) of Subs

5 or more sub-consultants = 15% of Direct Labor (DL) of Subs

For Sub-Consultants

$(0.37 + R)DL$

Where:

R= Complexity Factor: 0, 0.035, or 0.07

DL = Direct Labor

DC= Direct Cost

OH= Overhead Rate

Notice Of IDOT ELECTRONIC ENGINEERING CONSULTANT SUBSCRIPTION SERVICE November 10, 2010

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for both these items will be automatically e-mailed to the subscriber upon release.

Located at: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Connect>

Instructions to Subscribe

Please Note:

By subscribing to the IDOT-PTB list, you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: subscribe-dot-ptb@lists.illinois.gov
2. Send message
3. A confirmation e-mail will be sent to the subscriber asking them to reply or click a link.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: unsubscribe-dot-ptb@lists.illinois.gov
2. Send the message.
3. A confirmation e-mail will be sent to you removing you from the subscription list.

Return To: Cement and Concrete Reference Laboratory
At NIST
100 Bureau Drive, Stop 8616
Gaithersburg, Maryland 20899-8618
Phone: 301-975-6704
Fax: 301-975-2243
Email: ccrl@nist.gov

APPROVAL TO RELEASE CCRL PROFICIENCY SAMPLE RESULTS TO:

Name: Mark Gawedzinski, BMPR Pre-Qualification Coordinator
Company: Illinois Department of Transportation
Bureau of Materials and Physical Research
Address: Springfield, Illinois
Email Address: mark.gawedzinski@illinois.gov
Phone: 217-782-2799

For:

Laboratory Name: _____
Address: _____

Phone Number: _____
CCRL Laboratory Number: _____

I hereby give permission to CCRL to release copies of proficiency sample reports:

Signature (mandatory) Date

Print Name

Print Title

E-mail Address

This release remains in effect as long as this laboratory participates in the CCRL proficiency sample program.

NOTICE
Effective January 24, 2008

Illinois Department of Transportation
Requirements for Verification of Quality Assurance Consultants Enrollment in
the AMRL Proficiency Assessment Program

As part of the prequalification process, Consultants wanting to become precertified as a Quality Assurance Consultant must be enrolled in the AASHTO AAP Proficiency Assessment Program. IDOT now requires consultants enrolled in the program allow IDOT access to their proficiency ratings via the AASHTO AMRL web site. In order to meet the terms of this requirement, as part of the prequalification process, each consultant is directed to the AASHTO web site at:

<http://amrl.net>

Log in to the site as you would to report your firms' proficiency assessment results. Once the firm has logged into the AASHTO web site, complete the following steps:

- Select the black "My Lab" tab at the top of the page.
- Then Under Lab Account in the left column, select Manage PSP Specifiers.
- Select Add New Specifier and then from the dropdown list, select IL Dept of Transportation.
- Select Configure Enrollment Specifiers.
- Make the following samples available for evaluation with unlimited time periods:

AASHTO (Illinois Modified)	ASTM	Description
AGGREGATES		
T 11 (IL)	C117	75-µm (No. 200) by Washing
T 27 (IL)	C136	Sieve Analysis of Fine and Coarse Aggregates
T 84 (IL)	C128	Specific Gravity and Absorption of Fine Aggregate (Slag Labs Only)
T 85 (IL)	C127	Specific Gravity and Absorption of Coarse Aggregate (Slag Labs Only)
HOT-MIX ASPHALT		
T 166 (IL)	D2726	Bulk Specific Gravity
T 209 (IL)	D2041	Maximum Specific Gravity
T 312 (IL)		Superpave Gyratory compaction
T 308 (IL)		Asphalt Binder Content by Ignition
CONCRETE		
T 22 (IL)	C 39	Compressive Strength of Cylinders
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field
T 119 (IL)	C 143	Slump
T 121 (IL)	C 138	Weight, Yield, and Air Content
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)

- Select Next
- Select Finish

IDOT AMRL Proficiency Verification
Page 2

Once the process is complete, consultants will no longer be required to submit AASHTO AMRL Proficiency Results as part of the prequalification process.

Contact the Consultant Services Unit of the Illinois Department of Transportation, Bureau of Design and Environment at (217)-782-6916 or the Bureau of Materials and Physical Research at (217) 782-7200 if you require additional information.

Laura Mlacnik, P.E.
Engineer of Materials
And Physical Research

Notice For

Department Manuals, Memorandums, & Rules

The following is available on our website: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultants-Resources/index>

Aeronautics Part 14 Aviation Safety Rules

Aeronautics Part 16 Airport Hazard Zoning Rules

All Bridge Designer Memoranda

Bureau of Bridges and Structures Documents, Manuals and Procedures

Bureau of Construction Current Construction Memorandums Bureau of Design and Environment Manuals & Memorandums Bureau of Land Acquisition Policies and Procedures Manual Updates

Coded Pay Items

CREATE Manuals

Land Acquisition Manual

Bureau of Local Roads Circular Letters

Bureau of Local Roads Manual

Bureau of Safety Engineering Programs, Policies & Manuals

Construction Manual

Geotechnical Documents Manuals and Procedures

Government Electronic Records Act

IDOT Drainage Manual

Illinois Highway Info System Roadway Info & Procedure Manual

Illinois Highway Info System Structure Info & Procedure Manual

Illinois Highway Info System Railroad Info & Procedure Manual

Illinois Traffic Monitoring Program

Manual on Uniform Traffic Control Devices Oversize/Overweight Permit Policy Manual Project Procedures Guide

Quality Standard for Work Zone Traffic Control Devices

The Highway Manuals Sales Order Forms (Highway Manual Order Form) is available at: <http://www.idot.illinois.gov/doing-business/sales/manual-sales/index>

NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (<http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Prequalification>) are firms certified as a DBE in specified areas. It is the responsibility of any prime consultant firm to go to the **Illinois Unified Certification Program** web site (<http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index>) to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the pre-qualified areas of work the DBE firm is certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) will be verified for DBE certification beginning January 1, 2007.

If you have any questions on DBE certification, please contact Carol Lyle in the Office of Business and Workforce Diversity.

“Special Notice Regarding Disadvantaged Business Enterprises”

The Illinois Department of Transportation (IDOT) has designated various projects advertised in the Professional Transportation Bulletin as requiring participation by Disadvantaged Business Enterprises (DBEs). As a condition for any firm to be considered for a project requiring DBE participation, it must subcontract a minimum of the designated percent to a DBE. Each firm's letter must include a statement that it intends to subcontract the designated percent to a DBE. The Exhibit A in the Statement of Interest must include the DBE Consultant and the category of work they are going to perform.

To be considered as a prime consultant or subconsultant, a DBE must be prequalified with IDOT's Division of Highways' Bureau of Design and Environment (BDE). IDOT's Bureau of Small Business Enterprises (SBE) maintains a Disadvantaged Business Enterprises Directory of certified DBEs for the purpose of providing a reference source to assist firms. You can view/print and download the most current listing of DBE firms at IDOT's web site <http://www.idot.illinois.gov> under “Doing Business” “Small Business Enterprises” “Disadvantaged Business Enterprises (DBE) Program/IL UCP DBE Directory.” DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under the UCP Directory by Category, Architecture/Engineering Sorted by firm. Any firm desiring to subcontract work to firms that are not certified DBEs should encourage them to become certified by contacting SBE's Certification Section at (217) 782-5490.

Failure to assign at least the designated percent to one or more DBEs or to demonstrate that a good faith effort was made to assign the designated percent shall result in one of the following:

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.
2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.
3. Contract negotiations will be terminated.

Upon completion of the contract, should it be determined the prime consultant failed to assign the designated percent to an eligible DBE or demonstrated that a good faith effort was made to assign the designated percent as agreed upon, payment to the prime consultant will be reduced by the amount set forth in number 2 above.

A complaint regarding any decision rendered by or action by any Division or Office of IDOT pursuant to these requirements may be filed with the Secretary of IDOT.

Notice
Of Requirement For
Illinois Department of Human Rights (IDHR)
Public Contract Number

Following selection, contract all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the following web-site http://www.state.il.us/dhr/Programs/DHR_PBCT.htm or may also be obtained by contacting: DHR, Public Contracts Section Public Contracts Division 100 W. Randolph, Suite 10-100 Chicago, IL 60601 or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

Please be aware that, as of January 1, 2010, per Public Act 096-1786, all those filing for, *or renewing*, an IDHR number, will be charged a \$75.00 registration fee. Such registration will be valid for 5 years from the date of issuance.

Overtime Billing for Engineering Consultant Contracts

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

NOTICE For Prequalification of Consultants & DBE Revisions

Prequalification:

As stated in each Professional Transportation Bulletin under the guidelines:

Consultant firms acting as prime must be prequalified in all of the advertised areas listed in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. If the prime is not prequalified in the required category(s) stated in the project advertisement, that firm's Statements of Interest cannot be considered for the item.

Within the Statements of Interest (Exhibit A page 3 of 3) the prime must identify any subconsultants and the item(s) of work they will perform. Subconsultants must be prequalified in the category of work they will be performing.

Also as stated in the Standard Agreement Provisions: 2.24 SUBLETTING, ASSIGNMENT OR TRANSFER:

Subconsultants must be prequalified in accordance with the department requirements. For specialized services that are required but which do not fall into the areas of prequalification of the department, a non-prequalified firm may be used with department approval.

DBE Participation:

The U.S. DOT regulation, 49CFR Sec. 26.55(a), states, "When a DBE participates in a contract, you count only the value of the work actually performed by the DBE toward the DBE goals." The IDOT and U.S. DOT regulations further state:

When a DBE subcontracts part of the work its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

Effective immediately all subconsultant proposals where a DBE is utilized for the main contract and it is necessary for them to obtain non professional services which would be listed as a direct cost, the amount of those services will not apply to the DBE goal. For example if a DBE geotechnical firm is being used and they use a non-DBE drilling company to do the borings, the cost for this work will not apply to the DBE goal.

However any direct costs incidental to doing the work, per diem, hotel costs etc. will still counted toward the goal.

NOTICE OF TRAINING OPPORTUNITY

Updated 9-23-14

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg

Lake Land College

5001 Lake Land Blvd.

Mattoon, IL 61938-9336

Phone: (217) 234-5285

Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us

Internet Homepage: <http://www.lakeland.cc.il.us/as/idt/index.cfm>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

<https://www.nhi.fhwa.dot.gov/default.aspx>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

<http://www.ntionline.com>

ILLINOIS CENTER FOR TRANSPORTATION

University of Illinois at Urbana-Champaign Erosion Control Research and Training Center (ECRTC).

Please visit the web-site for further information on course schedule and registration information:

<http://ict.illinois.edu/outreach/erosion-control-workshop/>

For questions about registration and cancellations contact:

Trachia Wilson

Email: tstolz@illinois.edu

Phone: 217-300-3197.